



School / Facility Radon Testing Report Form

Instructions: Submit one testing report form per-facility per-round of testing. Include the following as attachments:
Attachment 1- Summary Data Tables – containing the following: (see attached samples tables)

- Testing Results – lab/detector Identification, by room number/name (alpha-numeric order) as depicted on facility map/floor plan provided by the facility/school at the time of test device deployment;
- Summary Results – list of rooms by test result ≥ 2.0 -pCi/L; ≥ 2.7 -pCi/L; ≥ 4.0 -pCi/L; and ≥ 8.0 -pCi/L;
- QA/QC Results - (field blanks and duplicates) indicating location collected; trip and office blanks; and spike sample results;
- Invalid Measurement Locations – missed locations, missing and or damaged/compromised testing devices.

Attachment 2 – Laboratory Report(s)

Attachment 3 – Sampling Location Map(s) – indicating approximate location of samples, duplicates and blanks.

School Year: **23-24**

Facility:	Carver Educational Services Center
Address:	850 Hungerford Drive
	Rockville, MD 20850

Reason for Testing:	<input checked="" type="checkbox"/> Scheduled Re-Testing (2 or 5-year schedule) <input type="checkbox"/> Clearance Testing (Post-Mitigation) <input type="checkbox"/> System(s) Performance Testing (Post-Mitigation) <input type="checkbox"/> New Construction/Facility
Facility Current Radon Status:	<input type="checkbox"/> Active Mitigation (2-year regular schedule) <input checked="" type="checkbox"/> No Active Mitigation (5-year regular schedule) <input type="checkbox"/> Not Previously Tested
Round of Testing:	<input checked="" type="checkbox"/> Initial Testing -or- <input type="checkbox"/> Follow-up Testing
Testing Status:	<input checked="" type="checkbox"/> No Further Testing Needed -or- <input type="checkbox"/> Follow-Up Testing Required

Conclusion (When Testing Status is - No Further Testing Needed)

Mitigation -	Facility Radon Status:
<input checked="" type="checkbox"/> Not Required or Considered <input type="checkbox"/> Required (>8.0 -pCi/L) <input type="checkbox"/> Required (≥ 4.0 -pCi/L) <input type="checkbox"/> Consider (≥ 2.0 & <4.0 -pCi/L)	<input checked="" type="checkbox"/> No Change in Status <input type="checkbox"/> Active Mitigation (2-year regular schedule) <input type="checkbox"/> No Active Mitigation (5-year regular schedule)

Detector and Deployment

Detector/Device Type:	<input checked="" type="checkbox"/> Passive	<input checked="" type="checkbox"/> Charcoal Absorption (CAD)	<input type="checkbox"/> Alpha Track (ATD)	<input type="checkbox"/> Other
	<input type="checkbox"/> Continuous	<input type="checkbox"/> Electret ion Chamber (EIC)	<input type="checkbox"/> Electronic Integration (EID)	
<i>Other—Specify here:</i>				
Detector/Device Name:	Air Chek – Radon Test Kits			
Manufacturer:	Radon Lab			
Person(s) Deploying or Retrieving Test Devices and certification number			Organization/Company	
Shakia Dawkins			KCI Technologies, Inc.	
<i>If noncertified individuals, the qualified measurement professional providing oversight -</i>				
Tyler McCleaf, CSP – Cert. #111004-RMP				

Testing

<input checked="" type="checkbox"/> Short-Term	Length of Test (days):	3	Date of Deployment and Retrieval (mm/dd/yy):	02/05/2024
<input type="checkbox"/> Long-Term				02/09/2024
Does the test period include weekends, school breaks or holidays?				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<i>If “Yes” please explain/detail in the space below:</i>				
Was HVAC operating under occupied conditions?				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<i>If “No” please explain/detail in the space below:</i>				

Testing (continued)

	Detectors Deployed		
	Ground-Contact	Upper-Level(s)	Total
Test Locations ¹	140	28	168
Duplicates ²	12	4	16
Field Blanks ³	9	2	11
Grand Total			195

1 – include all detectors deployed (duplicates, field blanks); 1 detector per occupied (or intended to be occupied) ground-contact space ≤ 2,000-square feet; large spaces ≥ 2,000-square feet - 1 detector per 2,000-square feet or part thereof); and upper floors - 10% of all occupied or intended to be occupied rooms per floor (these are in addition to ground contact locations)

2 - 10% of all locations tested, per floor

3 – 5% of all locations tested, per floor

Quality Assurance / Quality Control (QA/QC)

A Quality Assurance plan that is consistent with ANSI/AARST MS-QA (Radon Measurement Systems Quality Assurance) was submitted under separate cover, and is available to review at the MCPS Radon Testing and Mitigation Program website. The following number of QA/QC samples are associated this facility.

Spike Samples ¹	6	Trip Blank(s) ²	1	Office Blank(s) ^{3,4}	1
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1 - 3% of EIC detectors; and 3% from each LOT of CAD and ATD detectors; a maximum of 6-spiked measurements per month for both EIC detectors and each LOT of CAD and ATD detectors.

2 – One per shipping container from start of detector deployment

3 – One per facility tested as devices are removed/allocated from the storage location for deployment;

4 - One additional blank, analyzed prior to deployment, for storage locations that have not been evaluated or monitored, for detectors that have been stored for more than 30-day durations.

Spike Sample Lab Results. Measured values are satisfactory, i.e., within ± 25% of the chamber's reference value.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Quality Control measurements comply with QA/QC requirements in the QA plan previously submitted?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Quality Assurance / Quality Control (QA/QC) (continued)

If “No” to either, please describe any QC measurements that were missing or outside of control tolerances established in the QAP here:

Summary of Test Results¹ and Determination of Valid Measurements²

	Ground-Contact	Upper-Level(s)	Total
Number of test locations:	140	28	168
Number of locations ≥ 8.0 -pCi/L:	0	0	0
Number of locations ≥ 4.0 and ≤ 8 -pCi/L:	0	0	0
Number of locations ≥ 2.7 and ≤ 4 -pCi/L:	0	0	0
Number of locations ≥ 2.0 and ≤ 4 -pCi/L:	13	0	13
Number of missing required test locations ³ :	0	0	0
Percentage of missing test locations for the facility ^{4,5} :	0	0	0

1 – for locations with multiple test results, report consistent with Section 7.2(When Two Test Results Disagree) and 8.1.2 (Averaging) of ANSI/AARST MA-MFLB 2023 – Conducting Measurements of Radon in Multifamily, School, Commercial and Mix-Use Buildings;

2 - the allowance is to be calculated individually for Ground-Contact and Upper-Level(s) Test Locations;

3 – includes missed or inaccessible locations upon deployment or retrieval, damaged (not able to analyze) and missing detectors upon retrieval;

4 – if all valid measurements are < 4.0 -pCi/L and the total number of test locations are ≥ 18 , there is an allowance of $\leq 33\%$. If less than 18 test locations please review section 6.2 of the ANSI/AARST MA-MFLB 2023;

5 – if any valid measurements are ≥ 4.0 -pCi/L and the total number of test locations are ≥ 20 , there is an allowance of $\leq 25\%$ of the total locations tested. If less than 20 test locations please review section 6.2 of the ANSI/AARST MA-MFLB 2023.

Summary of Test Results¹ and Determination of Valid Measurements² (continued)

Were test devices deployed in all occupied and intended to be occupied rooms in contact with the ground, and, if applicable, 10% of upper floor rooms?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Were valid measurements obtained in all occupied and intended to be occupied rooms in contact with the ground, and, if applicable, 10% of upper floor rooms?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<i>If Yes to both above – then Testing Status – ‘No Further Testing Needed’ mark ‘NA’ below and complete Conclusions section</i>	
If No to either above , were all results obtained under 4.0-pCi/L and were there sufficient valid measurements obtained? ^{1,2} <i>If Yes – then Testing Status - ‘No Further Testing Needed’ complete Conclusion section</i> <i>If No, then Testing Status - ‘Follow-up Testing Required’ continue below</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA

1 – if all valid measurements are <4.0-pCi/L and the total number of test locations are ≥18, there is an allowance of ≤33%. If less than 18 test locations please review section 6.2 of the ANSI/AARST MA-MFLB 2023 – Conducting Measurements of Radon in Multifamily, School, Commercial and Mix-Use Buildings to determine the allowance;
 2 – if any valid measurements are ≥4.0-pCi/L and the total number of test locations are ≥20, there is an allowance of ≤25% of the total locations tested. If less than 20 test locations please review section 6.2 of the ANSI/AARST MA-MFLB 2023 – Conducting Measurements of Radon in Multifamily, School, Commercial and Mix-Use Buildings to determine the number the allowance.

- **If ‘No Further Testing Needed’** complete conclusions section on first page.
- **If ‘Follow-up Testing Required’** – complete Follow-up Testing described below and the conclusion section on the first page for only the valid measurements/results obtained

Follow-Up Testing (if required)

Required if –

- 1- Not enough valid results were obtained from a facility (table above);
- 2- Any results ≥ 4.0 – pCi/L; and
- 3- At the discretion of MCPS IAQ Staff

Follow-up Testing:

- 1- If an insufficient number of valid measurements obtained during initial round:
 - return to facility to test locations that require valid measurements
- 2- Follow-up Testing for valid measurements ≥ 4.0-pCi/L

Initial Result(s)	Procedure	Follow-up Result	Conclusion
≥ 4.0-pCi/L	1- Short-term follow-up test 2- Average the results of the two tests	≥4.0	Mitigation Required
		<4.0 but >2.0	Consider Mitigation
		<2.0	Not Required or Considered

- **Complete second School/Facility Radon Testing Report Form for only Follow-up Testing locations.**

Attachment 1:
Summary Data Tables

Table 1- Radon Testing Results		
Carver Educational Services Center		
Test Period: 02/05/2024 - 02/08/2024		
Kit Number	Room / Area	Result
11463803	11	0.6
11463811	11	1.1
11463809	20	0.7
11463831	20	< 0.3
11463853	24	0.7
11463834	25	0.8
11463842	25	1.2
11463869	41	0.7
11463883	41	< 0.3
11463871	43	< 0.3
11463866	48	< 0.3
11478178	48	0.5
11463887	50	< 0.3
11463877	55	< 0.3
11478495	55	< 0.3
11463977	59	0.6
11463896	61	0.7
11478068	61	0.5
11463978	62	0.8
11464061	100	2.1
11464062	110	0.9
11464091	112	< 0.3
11464065	114	1.9
11464060	120	0.6
11464085	122	0.8
11464059	123	0.9
11478485	123	< 0.3
11464064	128	0.9
11464097	129	< 0.3
11463972	130	1.0
11463478	131	0.6
11464083	133	0.5
11464078	134	0.7
11464095	137	0.8
11464088	142	0.7
11463496	142	< 0.3
11463986	143	0.6
11478192	143	< 0.3

Table 1- Radon Testing Results		
Carver Educational Services Center		
Test Period: 02/05/2024 - 02/08/2024		
Kit Number	Room / Area	Result
11464052	174	2.1
11463991	175	2.2
11463970	178	2.2
11463961	180	1.3
11464058	180	1.4
11464069	181	1.1
11463954	225	< 0.3
11463993	241	0.5
11478069	241	0.5
11463498	100A	1.3
11463953	100B	2.3
11478191	100B	2.1
11464066	100C	1.6
11463988	100D	1.8
11464057	100D	2.1
11463470	100E	2.1
11463971	100F	1.3
11463486	100G	2.1
11464067	100H	2.4
11464070	100I	2.1
11464056	100J	2.1
11463840	11 CONFERENCE	0.9
11463838	11 WORKROOM	0.8
11463981	122 COPY	0.7
11464082	122 OFFICE 1	0.6
11463487	122 OFFICE 2	0.9
11463488	122 OFFICE 3	0.8
11464077	122 OFFICE 3	0.5
11464099	122 SUPERINTENDENT	0.9
11464080	123 CONFERENCE	0.7
11463975	123 OFFICE	0.8
11464086	123 OFFICE 2	0.7
11464100	123 OFFICE 3	0.5
11464079	123 OFFICE 4	1.2
11464090	123 OFFICE 5	0.8
11464089	123 OFFICE 6	1.0
11463983	123 OFFICE 7	< 0.3
11464092	123 OFFICE 7	0.6

Table 1- Radon Testing Results		
Carver Educational Services Center		
Test Period: 02/05/2024 - 02/08/2024		
Kit Number	Room / Area	Result
11463974	129 DEPUTY	0.7
11463990	129 OFFICE 1	0.5
11463973	129 OFFICE 2	< 0.3
11464063	129 OFFICE 3	0.6
11464084	130 OFFICE 1	0.7
11463980	130 OFFICE 2	< 0.3
11464093	130 OFFICE 2	< 0.3
11464054	131 CUBICLE AREA	0.7
11463497	131 DIRECTOR	0.6
11464055	131 DIRECTOR	0.7
11463989	131 MONITORING	0.6
11464053	131A	0.7
11463479	131B	< 0.3
11464072	137A	< 0.3
11463976	142 C	0.9
11464096	142 D	< 0.3
11463979	142A	0.5
11463984	142B	0.9
11463992	147A	0.8
11464074	174A	1.6
11464068	174B	2.2
11463969	174C	1.8
11463807	20 XEROX	< 0.3
11463852	23C	< 0.3
11463844	25 CONFERENCE	1.0
11463854	25B	1.2
11478187	25B	1.1
11463820	31A	< 0.3
11463802	31C	0.8
11463833	31C OFFICE	< 0.3
11463801	31C WATER	< 0.3
11463819	31C WATER	< 0.3
11463882	41 CONFERENCE	< 0.3
11463855	41 CONFERENCE B	< 0.3
11463865	43A	< 0.3
11463850	43B	< 0.3
11463872	43C	< 0.3
11463843	43D	< 0.3

Table 1- Radon Testing Results		
Carver Educational Services Center		
Test Period: 02/05/2024 - 02/08/2024		
Kit Number	Room / Area	Result
11463841	43E	< 0.3
11463861	43F	< 0.3
11463836	43G	< 0.3
11463884	43G	< 0.3
11463900	51A	< 0.3
11463867	55 CONFERENCE	< 0.3
11463849	55 COPY	< 0.3
11463860	55A	< 0.3
11463875	55B	< 0.3
11463868	55C	0.6
11463856	55D	< 0.3
11463851	55E	< 0.3
11463859	55E	< 0.3
11463899	55F	0.6
11463898	55G	< 0.3
11463897	55H	< 0.3
11463870	55I	< 0.3
11463894	62 OFFICE 1	1.1
11463895	62 OFFICE 2	1.1
11463888	62 OFFICE 3	0.9
11463893	62 OFFICE 3	1.2
11463829	ADDISON	0.9
11464087	AUDITORIUM	0.6
11464098	AUDITORIUM	< 0.3
11463828	BALDWIN	< 0.3
11463892	BAYER	< 0.3
11463816	BLANEY	1.4
11478070	BLANEY	1.0
11463812	BOJCZYK	1.3
11463982	BS MANAGER	0.8
11463962	BS OFFICE	1.0
11464094	BS SUPERVISOR	0.7
11464071	CAFE	< 0.3
11464081	CAFE	0.5
11463878	CHESTER	0.7
11463810	CHO	1.0
11463886	CONFERENCE	< 0.3
11463863	CORLETT	< 0.3

Table 1- Radon Testing Results		
Carver Educational Services Center		
Test Period: 02/05/2024 - 02/08/2024		
Kit Number	Room / Area	Result
11463480	CRAM	1.1
11463822	EDIT A	< 0.3
11463830	EDIT B	0.7
11463847	EDIT C	1.0
11463845	EDIT ROOM D	1.0
11463881	EHSASSI	< 0.3
11463891	EHSASSI	< 0.3
11464073	FISCHER	1.0
11463825	FLEETWOOD	0.9
11463885	FROST	< 0.3
11463890	GEISLER	< 0.3
11463864	GRACIAS	< 0.3
11463827	GRAMATGES	< 0.3
11463805	GUMULA	1.0
11463817	HOUSER	1.1
11463873	JACKSON	< 0.3
11463889	JACKSON	< 0.3
11463879	JORANDBY	0.7
11463862	KITCHEN OFFICE	0.5
11463804	LIU	0.8
11463814	MAIL ROOM	< 0.3
11463815	MAIL ROOM	< 0.3
11463839	MAIL ROOM OFFICE	< 0.3
11463826	MAINA	0.6
11463808	MARSHALL	< 0.3
11463493	MBOWE	0.7
11463985	MBOWE	1.1
11463823	MCCREA	1.1
11463880	MONTELEONE	< 0.3
11463835	PALMER	< 0.3
11463806	PLEASANT	< 0.3
11463832	PRICE	1.0
11463876	SCOTT	< 0.3
11463821	SILVA	< 0.3
11463858	SMETANKA	0.5
11463846	STUDIO WORKROOM A	1.6
11463857	STUDIO WORKROOM B	1.0
11463818	TOMLINSON	0.7

Table 1- Radon Testing Results		
Carver Educational Services Center		
Test Period: 02/05/2024 - 02/08/2024		
Kit Number	Room / Area	Result
11463824	TOMLINSON	1.0
11463848	TV STUDIO	0.9
11463813	WALLACE	< 0.3
11463874	WALLACE	< 0.3
11463837	WANG	0.6

Table 2 - Summary Testing Results ≥ 2.0 pCi/L**Carver Educational Services Center****Test Period: 02/5/2024 - 02/8/2024**

≥ 2.0 and < 2.7 pCi/L		≥ 2.7 and < 4.0 pCi/L		≥ 4.0 and < 8.0 pCi/L		≥ 8.0 pCi/L	
Room / Area	Result	Room / Area	Result	Room / Area	Result	Room / Area	Result
100	2.1	N/A	N/A	N/A	N/A	N/A	N/A
174	2.1						
175	2.2						
178	2.2						
100B	2.1						
100B	2.3						
100D	2.1						
100E	2.1						
100G	2.1						
100H	2.4						
100I	2.1						
100J	2.1						
174B	2.2						

Table 3 - QC Radon Testing Results			
Carver Educational Services Center			
Test Period: 02/05/2024 - 02/08/2024			
Kit Number	QC Type	Room / Area	Result
11463842	FB	25	1.2
11478178	D	48	0.5
11478495	D	55	< 0.3
11478068	D	61	0.5
11478485	D	123	< 0.3
11463496	D	142	< 0.3
11478192	D	143	< 0.3
11464058	FB	180	1.4
11478069	FB	241	0.5
11478191	D	100B	2.1
11463988	FB	100D	1.8
11463488	FB	122 Office 3	0.8
11463980	FB	130 Office 2	<0.3
11464055	FB	131 Director	0.7
11478187	D	25B	1.1
11463801	D	31C Water	<0.3
11463884	D	43G	<0.3
11463859	D	55E	<0.3
11463893	FB	62 Office 3	1.2
11464087	D	Auditorium	0.6
11478070	D	BLANEY	1.0
11463891	D	Ehsassi	<0.3
11463873	FB	Jackson	<0.3
11463815	FB	Mail room	<0.3
11463493	D	Mbowe	0.7
11463824	D	Tomlinson	1.0
11463874	FB	Wallace	<0.3
11470089	OB	OFFICE BLANK	< 0.3
11470096	TB	TRAVEL BLANK	< 0.3

Attachment 2:
Laboratory Reports

Radon test result report for:

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
11464061	100	2024-02-05 @ 12:00 pm	2024-02-08 @ 10:00 am	2.1 ± 0.4	2024-02-12
11463498	100A	2024-02-05 @ 12:00 pm	2024-02-08 @ 10:00 am	1.3 ± 0.4	2024-02-12
11463953	100B	2024-02-05 @ 12:00 pm	2024-02-08 @ 10:00 am	2.3 ± 0.4	2024-02-12
11464066	100C	2024-02-05 @ 12:00 pm	2024-02-08 @ 10:00 am	1.6 ± 0.4	2024-02-12
11464057	100D	2024-02-05 @ 12:00 pm	2024-02-08 @ 10:00 am	2.1 ± 0.4	2024-02-12
11463988	100D	2024-02-05 @ 12:00 pm	2024-02-08 @ 10:00 am	1.8 ± 0.4	2024-02-12
11463470	100E	2024-02-05 @ 12:00 pm	2024-02-08 @ 10:00 am	2.1 ± 0.4	2024-02-12
11463971	100F	2024-02-05 @ 12:00 pm	2024-02-08 @ 10:00 am	1.3 ± 0.4	2024-02-12
11463486	100G	2024-02-05 @ 12:00 pm	2024-02-08 @ 10:00 am	2.1 ± 0.4	2024-02-12
11464067	100H	2024-02-05 @ 12:00 pm	2024-02-08 @ 10:00 am	2.4 ± 0.4	2024-02-12
11464070	100I	2024-02-05 @ 12:00 pm	2024-02-08 @ 10:00 am	2.1 ± 0.4	2024-02-12
11464056	100J	2024-02-05 @ 12:00 pm	2024-02-08 @ 10:00 am	2.1 ± 0.4	2024-02-12
11463811	11	2024-02-05 @ 8:00 am	2024-02-08 @ 11:00 am	1.1 ± 0.4	2024-02-12
11463803	11	2024-02-05 @ 8:00 am	2024-02-08 @ 11:00 am	0.6 ± 0.3	2024-02-12
11463840	11 CONFERENCE	2024-02-05 @ 8:00 am	2024-02-08 @ 11:00 am	0.9 ± 0.3	2024-02-12
11463838	11 WORKROOM	2024-02-05 @ 8:00 am	2024-02-08 @ 11:00 am	0.8 ± 0.3	2024-02-12
11464062	110	2024-02-05 @ 10:00 am	2024-02-08 @ 11:00 am	0.9 ± 0.4	2024-02-12
11464091	112	2024-02-05 @ 10:00 am	2024-02-08 @ 11:00 am	< 0.3	2024-02-12
11464065	114	2024-02-05 @ 10:00 am	2024-02-08 @ 10:00 am	1.9 ± 0.4	2024-02-12
11464060	120	2024-02-05 @ 10:00 am	2024-02-08 @ 10:00 am	0.6 ± 0.3	2024-02-12
11464085	122	2024-02-05 @ 10:00 am	2024-02-08 @ 10:00 am	0.8 ± 0.4	2024-02-12
11463981	122 COPY	2024-02-05 @ 10:00 am	2024-02-08 @ 10:00 am	0.7 ± 0.3	2024-02-12
11464082	122 OFFICE 1	2024-02-05 @ 10:00 am	2024-02-08 @ 10:00 am	0.6 ± 0.3	2024-02-12
11463487	122 OFFICE 2	2024-02-05 @ 11:00 am	2024-02-08 @ 10:00 am	0.9 ± 0.3	2024-02-12
11464077	122 OFFICE 3	2024-02-05 @ 11:00 am	2024-02-08 @ 10:00 am	0.5 ± 0.3	2024-02-12
11463488	122 OFFICE 3	2024-02-05 @ 11:00 am	2024-02-08 @ 10:00 am	0.8 ± 0.3	2024-02-12
11464099	122 SUPERINTENDENT	2024-02-05 @ 10:00 am	2024-02-08 @ 10:00 am	0.9 ± 0.3	2024-02-12
11464059	123	2024-02-05 @ 11:00 am	2024-02-08 @ 10:00 am	0.9 ± 0.3	2024-02-12
11464080	123 CONFERENCE	2024-02-05 @ 11:00 am	2024-02-08 @ 10:00 am	0.7 ± 0.3	2024-02-12
11463975	123 OFFICE	2024-02-05 @ 11:00 am	2024-02-08 @ 10:00 am	0.8 ± 0.4	2024-02-12
11464086	123 OFFICE 2	2024-02-05 @ 11:00 am	2024-02-08 @ 10:00 am	0.7 ± 0.3	2024-02-12
11464100	123 OFFICE 3	2024-02-05 @ 11:00 am	2024-02-08 @ 10:00 am	0.5 ± 0.3	2024-02-12
11464079	123 OFFICE 4	2024-02-05 @ 11:00 am	2024-02-08 @ 10:00 am	1.2 ± 0.4	2024-02-12
11464090	123 OFFICE 5	2024-02-05 @ 11:00 am	2024-02-08 @ 10:00 am	0.8 ± 0.3	2024-02-12
11464089	123 OFFICE 6	2024-02-05 @ 11:00 am	2024-02-08 @ 10:00 am	1.0 ± 0.3	2024-02-12
11463983	123 OFFICE 7	2024-02-05 @ 11:00 am	2024-02-08 @ 10:00 am	< 0.3	2024-02-12
11464092	123 OFFICE 7	2024-02-05 @ 11:00 am	2024-02-08 @ 10:00 am	0.6 ± 0.3	2024-02-12

Radon test result report for:

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
11464064	128	2024-02-05 @ 11:00 am	2024-02-08 @ 10:00 am	0.9 ± 0.4	2024-02-12
11464097	129	2024-02-05 @ 11:00 am	2024-02-08 @ 10:00 am	< 0.3	2024-02-12
11463974	129 DEPUTY	2024-02-05 @ 11:00 am	2024-02-08 @ 10:00 am	0.7 ± 0.3	2024-02-12
11463990	129 OFFICE 1	2024-02-05 @ 11:00 am	2024-02-08 @ 10:00 am	0.5 ± 0.3	2024-02-12
11463973	129 OFFICE 2	2024-02-05 @ 11:00 am	2024-02-08 @ 10:00 am	< 0.3	2024-02-12
11464063	129 OFFICE 3	2024-02-05 @ 11:00 am	2024-02-08 @ 10:00 am	0.6 ± 0.3	2024-02-12
11463972	130	2024-02-05 @ 11:00 am	2024-02-08 @ 10:00 am	1.0 ± 0.4	2024-02-12
11464084	130 OFFICE 1	2024-02-05 @ 11:00 am	2024-02-08 @ 10:00 am	0.7 ± 0.3	2024-02-12
11463980	130 OFFICE 2	2024-02-05 @ 11:00 am	2024-02-08 @ 10:00 am	< 0.3	2024-02-12
11464093	130 OFFICE 2	2024-02-05 @ 11:00 am	2024-02-08 @ 10:00 am	< 0.3	2024-02-12
11463478	131	2024-02-05 @ 11:00 am	2024-02-08 @ 10:00 am	0.6 ± 0.3	2024-02-12
11464054	131 CUBICLE AREA	2024-02-05 @ 11:00 am	2024-02-08 @ 11:00 am	0.7 ± 0.4	2024-02-12
11463497	131 DIRECTOR	2024-02-05 @ 11:00 am	2024-02-08 @ 11:00 am	0.6 ± 0.3	2024-02-12
11464055	131 DIRECTOR	2024-02-05 @ 11:00 am	2024-02-08 @ 11:00 am	0.7 ± 0.3	2024-02-12
11463989	131 MONITORING	2024-02-05 @ 11:00 am	2024-02-08 @ 11:00 am	0.6 ± 0.3	2024-02-12
11464053	131A	2024-02-05 @ 11:00 am	2024-02-08 @ 10:00 am	0.7 ± 0.4	2024-02-12
11463479	131B	2024-02-05 @ 11:00 am	2024-02-08 @ 11:00 am	< 0.3	2024-02-12
11464083	133	2024-02-05 @ 11:00 am	2024-02-08 @ 10:00 am	0.5 ± 0.3	2024-02-12
11464078	134	2024-02-05 @ 11:00 am	2024-02-08 @ 10:00 am	0.7 ± 0.3	2024-02-12
11464095	137	2024-02-05 @ 11:00 am	2024-02-08 @ 11:00 am	0.8 ± 0.4	2024-02-12
11464072	137A	2024-02-05 @ 11:00 am	2024-02-08 @ 11:00 am	< 0.3	2024-02-12
11464088	142	2024-02-05 @ 11:00 am	2024-02-08 @ 10:00 am	0.7 ± 0.3	2024-02-12
11463976	142 C	2024-02-05 @ 11:00 am	2024-02-08 @ 10:00 am	0.9 ± 0.3	2024-02-12
11464096	142 D	2024-02-05 @ 11:00 am	2024-02-08 @ 10:00 am	< 0.3	2024-02-12
11463979	142A	2024-02-05 @ 11:00 am	2024-02-08 @ 10:00 am	0.5 ± 0.3	2024-02-12
11463984	142B	2024-02-05 @ 11:00 am	2024-02-08 @ 10:00 am	0.9 ± 0.3	2024-02-12
11463986	143	2024-02-05 @ 12:00 pm	2024-02-08 @ 10:00 am	0.6 ± 0.3	2024-02-12
11463992	147A	2024-02-05 @ 12:00 pm	2024-02-08 @ 10:00 am	0.8 ± 0.3	2024-02-12
11464052	174	2024-02-05 @ 12:00 pm	2024-02-08 @ 10:00 am	2.1 ± 0.4	2024-02-12
11464074	174A	2024-02-05 @ 12:00 pm	2024-02-08 @ 10:00 am	1.6 ± 0.4	2024-02-12
11464068	174B	2024-02-05 @ 12:00 pm	2024-02-08 @ 10:00 am	2.2 ± 0.4	2024-02-12
11463969	174C	2024-02-05 @ 12:00 pm	2024-02-08 @ 10:00 am	1.8 ± 0.4	2024-02-12
11463991	175	2024-02-05 @ 12:00 pm	2024-02-08 @ 10:00 am	2.2 ± 0.4	2024-02-12
11463970	178	2024-02-05 @ 12:00 pm	2024-02-08 @ 10:00 am	2.2 ± 0.4	2024-02-12
11463961	180	2024-02-05 @ 12:00 pm	2024-02-08 @ 10:00 am	1.3 ± 0.4	2024-02-12
11464058	180	2024-02-05 @ 12:00 pm	2024-02-08 @ 10:00 am	1.4 ± 0.4	2024-02-12
11464069	181	2024-02-05 @ 12:00 pm	2024-02-08 @ 10:00 am	1.1 ± 0.4	2024-02-12

Radon test result report for:

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
11463809	20	2024-02-05 @ 8:00 am	2024-02-08 @ 11:00 am	0.7 ± 0.3	2024-02-12
11463831	20	2024-02-05 @ 8:00 am	2024-02-08 @ 11:00 am	< 0.3	2024-02-12
11463807	20 XEROX	2024-02-05 @ 8:00 am	2024-02-08 @ 11:00 am	< 0.3	2024-02-12
11463954	225	2024-02-05 @ 12:00 pm	2024-02-08 @ 10:00 am	< 0.3	2024-02-12
11463852	23C	2024-02-05 @ 9:00 am	2024-02-08 @ 11:00 am	< 0.3	2024-02-12
11463853	24	2024-02-05 @ 9:00 am	2024-02-08 @ 11:00 am	0.7 ± 0.3	2024-02-12
11463993	241	2024-02-05 @ 12:00 pm	2024-02-08 @ 10:00 am	0.5 ± 0.3	2024-02-12
11463842	25	2024-02-05 @ 9:00 am	2024-02-08 @ 11:00 am	1.2 ± 0.3	2024-02-12
11463834	25	2024-02-05 @ 9:00 am	2024-02-08 @ 11:00 am	0.8 ± 0.3	2024-02-12
11463844	25 CONFERENCE	2024-02-05 @ 9:00 am	2024-02-08 @ 11:00 am	1.0 ± 0.3	2024-02-12
11463854	25B	2024-02-05 @ 9:00 am	2024-02-08 @ 11:00 am	1.2 ± 0.4	2024-02-12
11463820	31A	2024-02-05 @ 8:00 am	2024-02-08 @ 11:00 am	< 0.3	2024-02-12
11463802	31C	2024-02-05 @ 8:00 am	2024-02-08 @ 11:00 am	0.8 ± 0.3	2024-02-12
11463833	31C OFFICE	2024-02-05 @ 8:00 am	2024-02-08 @ 11:00 am	< 0.3	2024-02-12
11463801	31C WATER	2024-02-05 @ 8:00 am	2024-02-08 @ 11:00 am	< 0.3	2024-02-12
11463819	31C WATER	2024-02-05 @ 8:00 am	2024-02-08 @ 11:00 am	< 0.3	2024-02-12
11463869	41	2024-02-05 @ 9:00 am	2024-02-08 @ 11:00 am	0.7 ± 0.3	2024-02-12
11463883	41	2024-02-05 @ 9:00 am	2024-02-08 @ 10:00 am	< 0.3	2024-02-12
11463882	41 CONFERENCE	2024-02-05 @ 9:00 am	2024-02-08 @ 11:00 am	< 0.3	2024-02-12
11463855	41 CONFERENCE B	2024-02-05 @ 9:00 am	2024-02-08 @ 11:00 am	< 0.3	2024-02-12
11463871	43	2024-02-05 @ 9:00 am	2024-02-08 @ 11:00 am	< 0.3	2024-02-12
11463865	43A	2024-02-05 @ 9:00 am	2024-02-08 @ 11:00 am	< 0.3	2024-02-12
11463850	43B	2024-02-05 @ 9:00 am	2024-02-08 @ 11:00 am	< 0.3	2024-02-12
11463872	43C	2024-02-05 @ 9:00 am	2024-02-08 @ 10:00 am	< 0.3	2024-02-12
11463843	43D	2024-02-05 @ 9:00 am	2024-02-08 @ 11:00 am	< 0.3	2024-02-12
11463841	43E	2024-02-05 @ 9:00 am	2024-02-08 @ 11:00 am	< 0.3	2024-02-12
11463861	43F	2024-02-05 @ 9:00 am	2024-02-08 @ 11:00 am	< 0.3	2024-02-12
11463884	43G	2024-02-05 @ 9:00 am	2024-02-08 @ 10:00 am	< 0.3	2024-02-12
11463836	43G	2024-02-05 @ 9:00 am	2024-02-08 @ 10:00 am	< 0.3	2024-02-12
11463866	48	2024-02-05 @ 9:00 am	2024-02-08 @ 10:00 am	< 0.3	2024-02-12
11463887	50	2024-02-05 @ 9:00 am	2024-02-08 @ 11:00 am	< 0.3	2024-02-12
11463900	51A	2024-02-05 @ 10:00 am	2024-02-08 @ 11:00 am	< 0.3	2024-02-12
11463877	55	2024-02-05 @ 10:00 am	2024-02-08 @ 11:00 am	< 0.3	2024-02-12
11463867	55 CONFERENCE	2024-02-05 @ 10:00 am	2024-02-08 @ 11:00 am	< 0.3	2024-02-12
11463849	55 COPY	2024-02-05 @ 10:00 am	2024-02-08 @ 10:00 am	< 0.3	2024-02-12
11463860	55A	2024-02-05 @ 10:00 am	2024-02-08 @ 10:00 am	< 0.3	2024-02-12
11463875	55B	2024-02-05 @ 10:00 am	2024-02-08 @ 11:00 am	< 0.3	2024-02-12

Radon test result report for:

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
11463868	55C	2024-02-05 @ 10:00 am	2024-02-08 @ 10:00 am	0.6 ± 0.3	2024-02-12
11463856	55D	2024-02-05 @ 10:00 am	2024-02-08 @ 10:00 am	< 0.3	2024-02-12
11463859	55E	2024-02-05 @ 10:00 am	2024-02-08 @ 11:00 am	< 0.3	2024-02-12
11463851	55E	2024-02-05 @ 10:00 am	2024-02-08 @ 11:00 am	< 0.3	2024-02-12
11463899	55F	2024-02-05 @ 10:00 am	2024-02-08 @ 11:00 am	0.6 ± 0.3	2024-02-12
11463898	55G	2024-02-05 @ 10:00 am	2024-02-08 @ 10:00 am	< 0.3	2024-02-12
11463897	55H	2024-02-05 @ 10:00 am	2024-02-08 @ 10:00 am	< 0.3	2024-02-12
11463870	55I	2024-02-05 @ 10:00 am	2024-02-08 @ 11:00 am	< 0.3	2024-02-12
11463977	59	2024-02-05 @ 10:00 am	2024-02-08 @ 10:00 am	0.6 ± 0.3	2024-02-12
11463896	61	2024-02-05 @ 10:00 am	2024-02-08 @ 10:00 am	0.7 ± 0.3	2024-02-12
11463978	62	2024-02-05 @ 10:00 am	2024-02-08 @ 10:00 am	0.8 ± 0.3	2024-02-12
11463894	62 OFFICE 1	2024-02-05 @ 10:00 am	2024-02-08 @ 10:00 am	1.1 ± 0.4	2024-02-12
11463895	62 OFFICE 2	2024-02-05 @ 10:00 am	2024-02-08 @ 10:00 am	1.1 ± 0.3	2024-02-12
11463893	62 OFFICE 3	2024-02-05 @ 10:00 am	2024-02-08 @ 10:00 am	1.2 ± 0.4	2024-02-12
11463888	62 OFFICE 3	2024-02-05 @ 10:00 am	2024-02-08 @ 10:00 am	0.9 ± 0.4	2024-02-12
11463829	ADDISON	2024-02-05 @ 8:00 am	2024-02-08 @ 11:00 am	0.9 ± 0.3	2024-02-12
11464098	AUDITORIUM	2024-02-05 @ 10:00 am	2024-02-08 @ 10:00 am	< 0.3	2024-02-12
11464087	AUDITORIUM	2024-02-05 @ 10:00 am	2024-02-08 @ 10:00 am	0.6 ± 0.3	2024-02-12
11463828	BALDWIN	2024-02-05 @ 10:00 am	2024-02-08 @ 10:00 am	< 0.3	2024-02-12
11463892	BAYER	2024-02-05 @ 9:00 am	2024-02-08 @ 11:00 am	< 0.3	2024-02-12
11463816	BLANEY	2024-02-05 @ 8:00 am	2024-02-08 @ 11:00 am	1.4 ± 0.4	2024-02-12
11463812	BOJCZYK	2024-02-05 @ 8:00 am	2024-02-08 @ 11:00 am	1.3 ± 0.4	2024-02-12
11463982	BS MANAGER	2024-02-05 @ 10:00 am	2024-02-08 @ 11:00 am	0.8 ± 0.3	2024-02-12
11463962	BS OFFICE	2024-02-05 @ 10:00 am	2024-02-08 @ 10:00 am	1.0 ± 0.3	2024-02-12
11464094	BS SUPERVISOR	2024-02-05 @ 10:00 am	2024-02-08 @ 11:00 am	0.7 ± 0.3	2024-02-12
11464071	CAFE	2024-02-05 @ 10:00 am	2024-02-08 @ 11:00 am	< 0.3	2024-02-12
11464081	CAFE	2024-02-05 @ 10:00 am	2024-02-08 @ 10:00 am	0.5 ± 0.3	2024-02-12
11463878	CHESTER	2024-02-05 @ 9:00 am	2024-02-08 @ 10:00 am	0.7 ± 0.3	2024-02-12
11463810	CHO	2024-02-05 @ 8:00 am	2024-02-08 @ 11:00 am	1.0 ± 0.3	2024-02-12
11463886	CONFERENCE	2024-02-05 @ 9:00 am	2024-02-08 @ 10:00 am	< 0.3	2024-02-12
11463863	CORLETT	2024-02-05 @ 9:00 am	2024-02-08 @ 11:00 am	< 0.3	2024-02-12
11463480	CRAM	2024-02-05 @ 11:00 am	2024-02-08 @ 11:00 am	1.1 ± 0.3	2024-02-12
11463822	EDIT A	2024-02-05 @ 8:00 am	2024-02-08 @ 11:00 am	< 0.3	2024-02-12
11463830	EDIT B	2024-02-05 @ 8:00 am	2024-02-08 @ 11:00 am	0.7 ± 0.3	2024-02-12
11463847	EDIT C	2024-02-05 @ 9:00 am	2024-02-08 @ 11:00 am	1.0 ± 0.3	2024-02-12
11463845	EDIT ROOM D	2024-02-05 @ 9:00 am	2024-02-08 @ 11:00 am	1.0 ± 0.3	2024-02-12
11463891	EHSASSI	2024-02-05 @ 9:00 am	2024-02-08 @ 11:00 am	< 0.3	2024-02-12

Radon test result report for:

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
11463881	EHSASSI	2024-02-05 @ 9:00 am	2024-02-08 @ 11:00 am	< 0.3	2024-02-12
11464073	FISCHER	2024-02-05 @ 11:00 am	2024-02-08 @ 11:00 am	1.0 ± 0.3	2024-02-12
11463825	FLEETWOOD	2024-02-05 @ 8:00 am	2024-02-08 @ 11:00 am	0.9 ± 0.4	2024-02-12
11463885	FROST	2024-02-05 @ 9:00 am	2024-02-08 @ 10:00 am	< 0.3	2024-02-12
11463890	GEISLER	2024-02-05 @ 9:00 am	2024-02-08 @ 11:00 am	< 0.3	2024-02-12
11463864	GRACIAS	2024-02-05 @ 9:00 am	2024-02-08 @ 11:00 am	< 0.3	2024-02-12
11463827	GRAMATGES	2024-02-05 @ 9:00 am	2024-02-08 @ 11:00 am	< 0.3	2024-02-12
11463805	GUMULA	2024-02-05 @ 8:00 am	2024-02-08 @ 11:00 am	1.0 ± 0.3	2024-02-12
11463817	HOUSER	2024-02-05 @ 8:00 am	2024-02-08 @ 11:00 am	1.1 ± 0.4	2024-02-12
11463873	JACKSON	2024-02-05 @ 9:00 am	2024-02-08 @ 10:00 am	< 0.3	2024-02-12
11463889	JACKSON	2024-02-05 @ 9:00 am	2024-02-08 @ 11:00 am	< 0.3	2024-02-12
11463879	JORANDBY	2024-02-05 @ 9:00 am	2024-02-08 @ 10:00 am	0.7 ± 0.3	2024-02-12
11463862	KITCHEN OFFICE	2024-02-05 @ 10:00 am	2024-02-08 @ 10:00 am	0.5 ± 0.3	2024-02-12
11463804	LIU	2024-02-05 @ 8:00 am	2024-02-08 @ 11:00 am	0.8 ± 0.3	2024-02-12
11463814	MAIL ROOM	2024-02-05 @ 8:00 am	2024-02-08 @ 11:00 am	< 0.3	2024-02-12
11463815	MAIL ROOM	2024-02-05 @ 8:00 am	2024-02-08 @ 11:00 am	< 0.3	2024-02-12
11463839	MAIL ROOM OFFICE	2024-02-05 @ 8:00 am	2024-02-08 @ 11:00 am	< 0.3	2024-02-12
11463826	MAINA	2024-02-05 @ 8:00 am	2024-02-08 @ 11:00 am	0.6 ± 0.3	2024-02-12
11463808	MARSHALL	2024-02-05 @ 8:00 am	2024-02-08 @ 11:00 am	< 0.3	2024-02-12
11463493	MBOWE	2024-02-05 @ 11:00 am	2024-02-08 @ 11:00 am	0.7 ± 0.3	2024-02-12
11463985	MBOWE	2024-02-05 @ 11:00 am	2024-02-08 @ 11:00 am	1.1 ± 0.3	2024-02-12
11463823	MCCREA	2024-02-05 @ 8:00 am	2024-02-08 @ 11:00 am	1.1 ± 0.3	2024-02-12
11463880	MONTELEONE	2024-02-05 @ 9:00 am	2024-02-08 @ 11:00 am	< 0.3	2024-02-12
11463835	PALMER	2024-02-05 @ 9:00 am	2024-02-08 @ 10:00 am	< 0.3	2024-02-12
11463806	PLEASANT	2024-02-05 @ 8:00 am	2024-02-08 @ 11:00 am	< 0.3	2024-02-12
11463832	PRICE	2024-02-05 @ 8:00 am	2024-02-08 @ 11:00 am	1.0 ± 0.3	2024-02-12
11463876	SCOTT	2024-02-05 @ 9:00 am	2024-02-08 @ 11:00 am	< 0.3	2024-02-12
11463821	SILVA	2024-02-05 @ 9:00 am	2024-02-08 @ 11:00 am	< 0.3	2024-02-12
11463858	SMETANKA	2024-02-05 @ 9:00 am	2024-02-08 @ 10:00 am	0.5 ± 0.3	2024-02-12
11463846	STUDIO WORKROOM A	2024-02-05 @ 9:00 am	2024-02-08 @ 11:00 am	1.6 ± 0.4	2024-02-12
11463857	STUDIO WORKROOM B	2024-02-05 @ 9:00 am	2024-02-08 @ 11:00 am	1.0 ± 0.3	2024-02-12
11463824	TOMLINSON	2024-02-05 @ 8:00 am	2024-02-08 @ 11:00 am	1.0 ± 0.3	2024-02-12
11463818	TOMLINSON	2024-02-05 @ 8:00 am	2024-02-08 @ 11:00 am	0.7 ± 0.3	2024-02-12
11463848	TV STUDIO	2024-02-05 @ 9:00 am	2024-02-08 @ 11:00 am	0.9 ± 0.3	2024-02-12
11463874	WALLACE	2024-02-05 @ 10:00 am	2024-02-08 @ 11:00 am	< 0.3	2024-02-12
11463813	WALLACE	2024-02-05 @ 10:00 am	2024-02-08 @ 10:00 am	< 0.3	2024-02-12
11463837	WANG	2024-02-05 @ 8:00 am	2024-02-08 @ 11:00 am	0.6 ± 0.3	2024-02-12

March 6, 2024

**** LABORATORY ANALYSIS REPORT ****

Radon test result report for:

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
11478191	100B	2024-02-27 @ 12:00 pm	2024-03-01 @ 1:00 pm	2.1 ± 0.3	2024-03-05
11478485	123	2024-02-27 @ 12:00 pm	2024-03-01 @ 1:00 pm	< 0.3	2024-03-05
11463496	142	2024-02-27 @ 12:00 pm	2024-03-01 @ 1:00 pm	< 0.3	2024-03-05
11478192	143	2024-02-27 @ 12:00 pm	2024-03-01 @ 1:00 pm	< 0.3	2024-03-05
11478069	241	2024-02-27 @ 12:00 pm	2024-03-01 @ 1:00 pm	0.5 ± 0.3	2024-03-05
11478187	25B	2024-02-27 @ 11:00 am	2024-03-01 @ 1:00 pm	1.1 ± 0.3	2024-03-05
11478178	48	2024-02-27 @ 11:00 am	2024-03-01 @ 1:00 pm	0.5 ± 0.3	2024-03-05
11478495	55	2024-02-27 @ 11:00 am	2024-03-01 @ 1:00 pm	< 0.3	2024-03-05
11478068	61	2024-02-27 @ 11:00 am	2024-03-01 @ 1:00 pm	0.5 ± 0.3	2024-03-05
11478070	BLANEY	2024-02-27 @ 11:00 am	2024-03-01 @ 1:00 pm	1.0 ± 0.3	2024-03-05

Air Chek 1936 Butler Bridge Rd, Mills River, NC 28759-3892 Phone: (828) 684-0893 Fax: (828) 684-8498

February 13, 2024

**** LABORATORY ANALYSIS REPORT ****

Radon test result report for:

**KCI
MAIN**

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
11470089	OB	2024-02-05 @ 8:00 am	2024-02-08 @ 12:00 pm	< 0.3	2024-02-12
11478304	OB	2024-02-06 @ 8:00 am	2024-02-09 @ 12:00 pm	< 0.3	2024-02-12
11470096	TB	2024-02-05 @ 8:00 am	2024-02-08 @ 12:00 pm	< 0.3	2024-02-12
11478309	TB	2024-02-06 @ 8:00 am	2024-02-09 @ 12:00 pm	< 0.3	2024-02-12

Air Chek 1936 Butler Bridge Rd, Mills River, NC 28759-3892 Phone: (828) 684-0893 Fax: (828) 684-8498

January 29, 2024

**** LABORATORY ANALYSIS REPORT ****

Radon test result report for:
STORAGE
KCI

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
11635097	Storage	2024-01-07 @ 9:00 am	2024-01-11 @ 9:00 am	< 0.3	2024-01-15

Air Chek 1936 Butler Bridge Rd, Mills River, NC 28759-3892 Phone: (828) 684-0893 Fax: (828) 684-8498

EXPOSURE IN BOWSER-MORNER RADON CHAMBER

CLIENT KCI TECHNOLOGIES, Inc Job Number 213819

NOMINAL Conditions: Radon Conc 50.0 pCi/L Rel. Hum 28.9 % Temp. 69.1 F

Date Start: 2/23/24 Date Stop: 2/26/24 Date Start: _____ Date Stop: _____

Time Start: 0812 Time Stop: 0812 Time Start: _____ Time Stop: _____

Device No.'s: (6) CHAR BAGS Device No.'s: _____

11478400, 11477842, 11477845, _____

11477852, 11477996, 11477999 _____

E3 left

Date Start: _____ Date Stop: _____ Date Start: _____ Date Stop: _____

Time Start: _____ Time Stop: _____ Time Start: _____ Time Stop: _____

Device No.'s: _____ Device No.'s: _____

Date Start: _____ Date Stop: _____ Date Start: _____ Date Stop: _____

Time Start: _____ Time Stop: _____ Time Start: _____ Time Stop: _____

Device No.'s: _____ Device No.'s: _____

Note: All times are in 24-hour (military) notation, Eastern Standard Time (EST)
Background = 7 μ R/h Elevation = 820 ft

March 1, 2024

**** LABORATORY ANALYSIS REPORT ****

Radon test result report for:

FEB SK

MAIN

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
11477842	NA	2024-02-23 @ 8:00 am	2024-02-26 @ 8:00 am	50.3 ± 4.0	2024-03-01
11477845	NA	2024-02-23 @ 8:00 am	2024-02-26 @ 8:00 am	55.3 ± 4.4	2024-03-01
11477852	NA	2024-02-23 @ 8:00 am	2024-02-26 @ 8:00 am	49.4 ± 4.0	2024-03-01
11477996	NA	2024-02-23 @ 8:00 am	2024-02-26 @ 8:00 am	49.8 ± 4.0	2024-03-01
11477999	NA	2024-02-23 @ 8:00 am	2024-02-26 @ 8:00 am	55.4 ± 4.4	2024-03-01
11478400	NA	2024-02-23 @ 8:00 am	2024-02-26 @ 8:00 am	47.0 ± 3.8	2024-03-01

Air Chek 1936 Butler Bridge Rd, Mills River, NC 28759-3892 Phone: (828) 684-0893 Fax: (828) 684-8498



Radon Test Kit Chain of Custody

Project Name: MCPS Radon – Testing February 5th to February 8th 2024

Name of Schools:

- 1. Cedar Grove ES
- 2. College Gardens ES
- 3. Lois P. Rockwell ES
- 4. Clarksburg HS
- 5. Bayard Rustin ES
- 6. Sequoyah ES
- 7. Sherwood ES
- 8. Carver Educational Center

	Date	Initials
Radon Test Kits Deployed	02/05/2024	DM
Radon Test Kits Collected	02/08/2024	DM
Radon Test Kits Shipped to Lab*	02/08/2024	DM
Radon Test Kits Received by Lab*	02/12/2024	DM

*All samples sent to Air Check, Inc., 2 Saber Way, Ward Hill, MA 01835



Radon Test Kit Chain of Custody

Project Name: MCPS Radon – Testing February 27th to March 1st 2024

Name of Schools:

1. Montgomery Blair HS
2. Cloverly ES
3. John T. Baker MS
4. Sargent Shriver ES
5. Travilah ES
6. Rosa Parks MS
7. Carver Educational Center

	Date	Initials
Radon Test Kits Deployed	02/27/2024	JM
Radon Test Kits Collected	03/01/2024	JM
Radon Test Kits Shipped to Lab*	03/01/2024	JM
Radon Test Kits Received by Lab*	03/04/2024	JM

*All samples sent to Air Check, Inc., 2 Saber Way, Ward Hill, MA 01835

Attachment 3:
Sampling Location Map



MCPS RADON TESTING – EXECUTIVE SUMMARY

Site Name	Carver Educational Services Center
Date of Test Report	2/21/2022
Round of Testing	Initial Follow-up Post Remediation 2 Year Testing 5 Year Testing HVAC Upgrade Window Replacement New Addition New Facility
# Rooms Tested	188
# Rooms \geq 4.0 pCi/L	0
Lowest Value	<0.3 pCi/L
Highest Value	1.3 pCi/L

Project Status:

Initial testing completed; Testing Complete, no further action needed.



February 21, 2022

Brian T. Croyle, PG, CHMM
Environmental Specialist
Montgomery County Public Schools
Gaithersburg, MD 20879

Re: **Radon Testing Services**
KCI Job # 122108316

Location: Carver Educational Services Center
850 Hungerford Dr.
Rockville, MD 20850

Dear Mr. Croyle:

KCI Technologies, Inc. (KCI) is pleased to submit the following report to Montgomery County Public Schools (MCPS) pursuant to completing a “short-term” 3 day radon test for the Carver Educational Services Center, located at 850 Hungerford Dr. Rockville, MD 20850 (subject site).

Scope of Services:

KCI conducted radon testing at the subject site to evaluate indoor radon levels relative to the USEPA's recommended action level of 4.0 picocuries per Liter (pCi/L) - the level at which EPA recommends that schools take action to reduce the level. KCI conducted the radon testing in accordance with American Association of Radon Scientists and Technologists (AARST) *Protocol for Conducting Measurements of Radon and Radon Decay Products in Schools and Large Buildings*. A National Radon Proficiency Program (NRPP) Radon Measurement Specialist (certification #111004 RT) supervised the testing. Additional information on radon management and the health effects of radon exposure is available from <https://www.montgomeryschoolsmd.org> or www.epa.gov/radon.

KCI visited the site on January 19, 2022 and deployed two hundred and twenty one (221) activated charcoal (AC) radon test kits. KCI deployed radon test kits in all frequently-occupied ground contact rooms, and other areas, (if applicable) in accordance with AARST guidance.

A floor plan map of the building with the test locations is included as Attachment A of this report.

As a quality control measure, KCI also included duplicate samples, field blanks, lab transit blanks, and office blanks in accordance with AARST recommendations. In addition, KCI submitted test kits to Bowser-Morner, Inc. as spike samples. The spiked tests were exposed to a known radon concentration by Bowser-Morner prior to being returned to the laboratory for analysis.

KCI returned to the site on January 22, 2022 to retrieve the radon sampling test kits. KCI shipped all radon tests via overnight delivery to Airchek, Inc. for analysis by gamma-ray spectroscopy. Airchek, Inc.

is a NRSB certified analytical laboratory for radon analysis (certification # ARL1402) located at 1936 Butler Bridge Road, Mills River, North Carolina.

Evaluation of Testing Conditions:

These tests represent:

- Follow-up to initial testing.

These tests were conducted to:

- Evaluate radon concentrations at the facility.

According to AARST, *Protocol for Conducting Measurements of Radon and Radon Decay Products in Schools and Large Buildings*, ideal testing conditions would be when the building is fully occupied and the heating system is active. For this test, the facility’s HVAC system was operating in heating mode; therefore, KCI concludes that this test was conducted during ideal testing conditions.

KCI recorded observations of the following conditions in each room during the time of deployment and collection of the radon test kits:

- Indoor temperature,
- HVAC Operation,
- Dehumidifier operation,
- Humidifier operation,
- Ceiling fan operation, and
- Open windows or doors.

KCI also compiled weather data for the testing period and conducted observations of relevant field conditions. During the test period, weather records indicate low temperatures were in the 50s and high temperatures ranged from the mid 40s to the low 60s Fahrenheit. Maximum sustained winds ranged from 7-15 miles per hour. Average humidity was around 50% with .15 inches of precipitation (rain) was recorded during testing period.

Results:

The sampling locations and analytical results are listed on Table 1 (Attachment B). The quality control sample locations and analytical results are listed on Table 2 (Attachment B). Sampling locations and associated test kit identification numbers and relevant field observations are listed on Table 3 (Attachment B). The laboratory analytical results are included in Attachment C. Laboratory results and exposure data for the spike samples are also included in Attachment C.

The results of the radon test analysis indicated the following:

Radon Concentration	Room	Result
≥4.0 pCi/L	None	N/A
<4.0 pCi/L	See Attachment B	

Quality Control Samples	
Results of Blank Canisters:	The office blanks, and lab transit blanks had test results of less than the laboratory detection limit of 0.3 pCi/L.
Adequate Laboratory Precision?	Review of the duplicate sample analysis indicates that adequate laboratory measurement precision was achieved.
Spike Sample Analysis:	The Spike Sample analysis results indicate the laboratory is operating within statistical control limits.

Our professional services have been performed in accordance with customary principles and practices in the field of industrial hygiene and engineering. If you have any questions or comments regarding this report, please feel free to contact me at (410) 891-1769.

Sincerely,



Tyler P. McCleaf
Radon Measurement Provider
#111004 RT
KCI Technologies, Inc.

Attachments: A- Floor Plan with Test Locations
 B- Table 1-3, Radon Test Summary Spreadsheets
 C- Laboratory Analytical Results

ATTACHMENT A

Floor Plan With Test Locations

ATTACHMENT B

Radon Test Summary Spreadsheet

Table Notes:

AC- Activated Charcoal

ACI- Air Check, Inc.

D- Duplicate

FB- Field Blank

KCI- KCI Technologies, Inc.

OB- Office Blank

PM- Project Manager

OC- Quality Control

Table 1- Radon Testing Results		
Carver Educational Services Center		
Test Period: 01/25/2022-01/28/2022		
Kit Number	Room / Area	Result
11106753	11	< 0.3
11106762	11	< 0.3
11106764	11	< 0.3
11106755	15	< 0.3
11106686	16	< 0.3
11106763	16	< 0.3
11106685	20	< 0.3
11106687	20	< 0.3
11106695	20	< 0.3
11106758	22	< 0.3
11106740	23	< 0.3
11107273	24	< 0.3
11107274	24	< 0.3
11106697	25	0.7
11106731	26	< 0.3
11106732	26	< 0.3
11106747	27	< 0.3
11106748	27	< 0.3
11106724	35	< 0.3
11106739	35	< 0.3
11106722	41	< 0.3
11106690	43	< 0.3
11106701	43	< 0.3
11106712	43	< 0.3
11106713	43	< 0.3
11106714	43	< 0.3
11106716	43	< 0.3
11106717	43	< 0.3
11106718	43	< 0.3
11106703	50	< 0.3
11106704	50	< 0.3
11106705	50	< 0.3
11106706	50	< 0.3
11106707	50	< 0.3
11106708	50	< 0.3
11106709	50	< 0.3
11106710	50	< 0.3
11106711	50	< 0.3
11106715	50	< 0.3
11107288	50	< 0.3
11106702	55	< 0.3
11107277	56	< 0.3

Table 1- Radon Testing Results		
Carver Educational Services Center		
Test Period: 01/25/2022-01/28/2022		
Kit Number	Room / Area	Result
11107272	59	< 0.3
11107278	62	< 0.3
11107279	62	< 0.3
11107281	62	0.5
11107283	62	< 0.3
11107289	62	< 0.3
11107300	62	< 0.3
11107448	100	< 0.3
11107451	100	< 0.3
11107456	100	0.8
11107460	100	< 0.3
11107463	100	< 0.3
11107462	105	< 0.3
11107461	107	< 0.3
11107469	107	< 0.3
11107468	108	< 0.3
11107498	110	< 0.3
11107496	112	< 0.3
11107497	113	< 0.3
11107500	113	< 0.3
11107499	114	0.7
11107486	120	< 0.3
11107480	122	< 0.3
11107475	123	< 0.3
11107483	130	< 0.3
11107472	131	< 0.3
11107481	131	< 0.3
11106689	133	< 0.3
11106699	133	< 0.3
11107494	133	< 0.3
11107490	134	< 0.3
11106698	137	< 0.3
11107482	137	< 0.3
11106700	147	< 0.3
11106684	149	< 0.3
11106768	151	< 0.3
11107435	164	< 0.3
11107406	167	< 0.3
11107413	167	< 0.3
11107434	170	< 0.3
11107431	174	< 0.3
11107443	175	0.7

Table 1- Radon Testing Results		
Carver Educational Services Center		
Test Period: 01/25/2022-01/28/2022		
Kit Number	Room / Area	Result
11107429	177	0.8
11107441	178	< 0.3
11107442	179	0.6
11107440	180	< 0.3
11107425	181	< 0.3
11107284	200	< 0.3
11107299	204	< 0.3
11107282	207	< 0.3
11107270	225	< 0.3
11107280	225	< 0.3
11107287	225	< 0.3
11107286	230	< 0.3
11107276	241	< 0.3
11107268	263	< 0.3
11107256	269	< 0.3
11107457	100 1	< 0.3
11107426	100 10	< 0.3
11107447	100 11	0.7
11107444	100 12	< 0.3
11107446	100 13	0.5
11107427	100 14	0.7
11107420	100 15	< 0.3
11107422	100 16	< 0.3
11107455	100 2	< 0.3
11107466	100 3	< 0.3
11107452	100 4	< 0.3
11107453	100 5	< 0.3
11107450	100 6	< 0.3
11107449	100 7	< 0.3
11107473	100 8	< 0.3
11107474	100 9	< 0.3
11107465	100 CONFERENCE	0.7
11107487	100 CONFERENCE	0.7
11107467	108 OFFICE 1	< 0.3
11106679	108 OFFICE 2	< 0.3
11106694	11 1	< 0.3
11106728	11 10	< 0.3
11106741	11 2	< 0.3
11106779	11 2	< 0.3
11106734	11 21	< 0.3
11106735	11 22	< 0.3
11106736	11 22	< 0.3

Table 1- Radon Testing Results		
Carver Educational Services Center		
Test Period: 01/25/2022-01/28/2022		
Kit Number	Room / Area	Result
11106752	11 22	< 0.3
11106751	11 23	< 0.3
11106737	11 24	< 0.3
11106738	11 25	< 0.3
11106745	11 26	0.6
11106746	11 27	< 0.3
11106742	11 3	< 0.3
11106743	11 4	< 0.3
11106759	11 5	< 0.3
11106760	11 6	< 0.3
11106756	11 7	< 0.3
11106744	11 8	< 0.3
11106750	11 9	0.6
11107485	114 TECH	0.8
11107492	122 BREAK ROOM	< 0.3
11107479	122 OFFICE 1	< 0.3
11107491	122 OFFICE 1	< 0.3
11107478	122 OFFICE 2	< 0.3
11107477	122 OFFICE 3	< 0.3
11106681	122 OFFICE 4	< 0.3
11107484	123 CONFERENCE	< 0.3
11107493	123 CONFERENCE	< 0.3
11107495	123 CONFERENCE	< 0.3
11107476	123 OFFICE 1	< 0.3
11107488	123 OFFICE 2	< 0.3
11106691	123 OFFICE 3	< 0.3
11106692	123 OFFICE 4	< 0.3
11106693	123 OFFICE 5	< 0.3
11107489	131 OFFICE 1	< 0.3
11107470	131 OFFICE 2	< 0.3
11107471	131 OFFICE 3	< 0.3
11106680	147 A	< 0.3
11106683	148 OFFICE N	< 0.3
11106769	156 OFFICE 1	< 0.3
11106767	156 OFFICE 8	< 0.3
11107401	170 1	< 0.3
11107412	170 10	0.9
11107404	170 11	< 0.3
11107402	170 2	< 0.3
11107405	170 2	< 0.3
11107428	170 2	< 0.3
11107407	170 3	< 0.3

Table 1- Radon Testing Results		
Carver Educational Services Center		
Test Period: 01/25/2022-01/28/2022		
Kit Number	Room / Area	Result
11107409	170 4	< 0.3
11107433	170 5	< 0.3
11107438	170 6	< 0.3
11107411	170 7	< 0.3
11107437	170 8	< 0.3
11107436	170 9	< 0.3
11107403	170 CONFERENCE	< 0.3
11107430	174 OFFICE 1	0.9
11107421	174 OFFICE 2	< 0.3
11107424	174 OFFICE 2	< 0.3
11107464	174 OFFICE 2	< 0.3
11107432	174 OFFICE 3	< 0.3
11107408	177 OFFICE 1	0.6
11107414	177 OFFICE 2	0.6
11107416	177 OFFICE 2	< 0.3
11107415	177 OFFICE 3	0.6
11107423	177 OFFICE 4	< 0.3
11107418	177 OFFICE 5	1.1
11107419	177 OFFICE 6	0.6
11107439	177 OFFICE 7	1.1
11107417	177 OFFICE 8	0.9
11107410	177 OFFICE 9	0.5
11107445	179A	< 0.3
11106749	20 1	< 0.3
11106688	20 3	< 0.3
11106757	20 3	< 0.3
11106726	25 CONFERENCE	0.6
11106733	25A	0.6
11106761	25B	< 0.3
11106696	25C	1.3
11106725	29A	< 0.3
11106729	29B	< 0.3
11106727	29C	0.6
11106719	31 C	< 0.3
11106720	31A	< 0.3
11106721	31B	< 0.3
11106730	31B	< 0.3
11106754	31C	< 0.3
11106723	41 7	< 0.3
11107294	55 A	< 0.3
11107295	55 B	< 0.3
11107297	55 C	< 0.3

Table 1- Radon Testing Results		
Carver Educational Services Center		
Test Period: 01/25/2022-01/28/2022		
Kit Number	Room / Area	Result
11107292	55 D	< 0.3
11107290	55 E	< 0.3
11107293	55 F	< 0.3
11107275	55 G	< 0.3
11107285	55 H	< 0.3
11107291	55 H	< 0.3
11107298	55 H CONFERENCE	< 0.3
11107296	55 I	< 0.3
11107454	CAFETERIA	< 0.3
11107458	CAFETERIA	< 0.3
11107459	LOBBY	< 0.3

Table 2- Radon Testing Results			
Carver Educational Services Center			
Test Period: 12/13/2021-12/16/2021			
Kit Number	QC Type	Room / Area	Result
11106699	D	133	< 0.3
11106689	FB	133	< 0.3
11107479	D	112 office 1	< 0.3
11107493	D	123 conference	< 0.3
11107484	FB	123 conference	< 0.3
11107469	D	107	< 0.3
11107448	FB	100	< 0.3
11107451	D	100	< 0.3
11107465	D	100 conference	0.7
11107421	FB	174 office 2	< 0.3
11107464	D	174 office 2	< 0.3
11107416	D	177 office 2	< 0.3
11107402	D	170 2	< 0.3
11107405	FB	170 2	< 0.3
11107406	D	167	< 0.3
11106687	D	20	< 0.3
11106695	FB	20	< 0.3
11106741	D	11 2	< 0.3
11106736	FB	11 22	< 0.3
11106752	D	11 22	< 0.3
11106730	D	31b	< 0.3
11106732	FB	26	< 0.3
11106748	D	27	< 0.3
11106704	D	50	< 0.3
11107285	D	55 h	< 0.3
11107287	D	225	< 0.3
11107280	FB	225	< 0.3
11107274	D	24	< 0.3
11106126	OB	OFFICE BLANK	< 0.3
11105790	TB	TRAVEL Blank	< 0.3

ATTACHMENT C

Laboratory Analytical Results

Radon test result report for:

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
11107448	100	2022-01-25 @ 10:00 am	2022-01-28 @ 9:00 am	< 0.3	2022-01-31
11107456	100	2022-01-25 @ 10:00 am	2022-01-28 @ 9:00 am	0.8 ± 0.3	2022-01-31
11107451	100	2022-01-25 @ 10:00 am	2022-01-28 @ 9:00 am	< 0.3	2022-01-31
11107463	100	2022-01-25 @ 10:00 am	2022-01-28 @ 9:00 am	< 0.3	2022-01-31
11107460	100	2022-01-25 @ 10:00 am	2022-01-28 @ 8:00 am	< 0.3	2022-01-31
11107457	100 1	2022-01-25 @ 10:00 am	2022-01-28 @ 8:00 am	< 0.3	2022-01-31
11107426	100 10	2022-01-25 @ 11:00 am	2022-01-28 @ 8:00 am	< 0.3	2022-01-31
11107455	100 2	2022-01-25 @ 10:00 am	2022-01-28 @ 8:00 am	< 0.3	2022-01-31
11107466	100 3	2022-01-25 @ 10:00 am	2022-01-28 @ 8:00 am	< 0.3	2022-01-31
11107452	100 4	2022-01-25 @ 10:00 am	2022-01-28 @ 8:00 am	< 0.3	2022-01-31
11107453	100 5	2022-01-25 @ 10:00 am	2022-01-28 @ 8:00 am	< 0.3	2022-01-31
11107450	100 6	2022-01-25 @ 10:00 am	2022-01-28 @ 8:00 am	< 0.3	2022-01-31
11107449	100 7	2022-01-25 @ 10:00 am	2022-01-28 @ 8:00 am	< 0.3	2022-01-31
11107473	100 8	2022-01-25 @ 10:00 am	2022-01-28 @ 8:00 am	< 0.3	2022-01-31
11107474	100 9	2022-01-25 @ 10:00 am	2022-01-28 @ 8:00 am	< 0.3	2022-01-31
11107487	100 CONFERENCE	2022-01-25 @ 10:00 am	2022-01-28 @ 8:00 am	0.7 ± 0.3	2022-01-31
11107465	100 CONFERENCE	2022-01-25 @ 10:00 am	2022-01-28 @ 8:00 am	0.7 ± 0.3	2022-01-31
11107462	105	2022-01-25 @ 10:00 am	2022-01-28 @ 8:00 am	< 0.3	2022-01-31
11107461	107	2022-01-25 @ 10:00 am	2022-01-28 @ 8:00 am	< 0.3	2022-01-31
11107469	107	2022-01-25 @ 10:00 am	2022-01-28 @ 8:00 am	< 0.3	2022-01-31
11107468	108	2022-01-25 @ 10:00 am	2022-01-28 @ 10:00 am	< 0.3	2022-01-31
11107467	108 OFFICE 1	2022-01-25 @ 10:00 am	2022-01-28 @ 10:00 am	< 0.3	2022-01-31
11106679	108 OFFICE 2	2022-01-25 @ 10:00 am	2022-01-28 @ 10:00 am	< 0.3	2022-01-31
11106681	122 OFFICE 4	2022-01-25 @ 9:00 am	2022-01-28 @ 10:00 am	< 0.3	2022-01-31
11107475	123	2022-01-25 @ 9:00 am	2022-01-28 @ 10:00 am	< 0.3	2022-01-31
11107484	123 CONFERENCE	2022-01-25 @ 9:00 am	2022-01-28 @ 9:00 am	< 0.3	2022-01-31
11107495	123 CONFERENCE	2022-01-25 @ 9:00 am	2022-01-28 @ 9:00 am	< 0.3	2022-01-31
11107493	123 CONFERENCE	2022-01-25 @ 9:00 am	2022-01-28 @ 9:00 am	< 0.3	2022-01-31
11107476	123 OFFICE 1	2022-01-25 @ 9:00 am	2022-01-28 @ 10:00 am	< 0.3	2022-01-31
11107488	123 OFFICE 2	2022-01-25 @ 9:00 am	2022-01-28 @ 10:00 am	< 0.3	2022-01-31
11106691	123 OFFICE 3	2022-01-25 @ 9:00 am	2022-01-28 @ 10:00 am	< 0.3	2022-01-31
11106692	123 OFFICE 4	2022-01-25 @ 9:00 am	2022-01-28 @ 10:00 am	< 0.3	2022-01-31
11106693	123 OFFICE 5	2022-01-25 @ 9:00 am	2022-01-28 @ 10:00 am	< 0.3	2022-01-31
11107483	130	2022-01-25 @ 9:00 am	2022-01-28 @ 9:00 am	< 0.3	2022-01-31
11107472	131	2022-01-25 @ 9:00 am	2022-01-28 @ 8:00 am	< 0.3	2022-01-31
11107481	131	2022-01-25 @ 9:00 am	2022-01-28 @ 8:00 am	< 0.3	2022-01-31
11107489	131 OFFICE 1	2022-01-25 @ 9:00 am	2022-01-28 @ 8:00 am	< 0.3	2022-01-31

February 1, 2022

**** LABORATORY ANALYSIS REPORT ****

Radon test result report for:

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
11107470	131 OFFICE 2	2022-01-25 @ 9:00 am	2022-01-28 @ 8:00 am	< 0.3	2022-01-31
11107471	131 OFFICE 3	2022-01-25 @ 9:00 am	2022-01-28 @ 8:00 am	< 0.3	2022-01-31
11107490	134	2022-01-25 @ 9:00 am	2022-01-28 @ 10:00 am	< 0.3	2022-01-31
11106698	137	2022-01-25 @ 9:00 am	2022-01-28 @ 10:00 am	< 0.3	2022-01-31
11107482	137	2022-01-25 @ 9:00 am	2022-01-28 @ 10:00 am	< 0.3	2022-01-31
11107440	180	2022-01-25 @ 11:00 am	2022-01-28 @ 8:00 am	< 0.3	2022-01-31
11107425	181	2022-01-25 @ 11:00 am	2022-01-28 @ 8:00 am	< 0.3	2022-01-31
11107458	CAFETERIA	2022-01-25 @ 10:00 am	2022-01-28 @ 8:00 am	< 0.3	2022-01-31
11107454	CAFETERIA	2022-01-25 @ 10:00 am	2022-01-28 @ 8:00 am	< 0.3	2022-01-31
11107459	LOBBY	2022-01-25 @ 10:00 am	2022-01-28 @ 8:00 am	< 0.3	2022-01-31

Air Chek 1936 Butler Bridge Rd, Mills River, NC 28759-3892 Phone: (828) 684-0893 Fax: (828) 684-8498

Radon test result report for:

CARVER EDUCATIONAL SERVICES CENTER

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
11107447	100 11	2022-01-25 @ 11:00 am	2022-01-28 @ 9:00 am	0.7 ± 0.3	2022-01-31
11107444	100 12	2022-01-25 @ 11:00 am	2022-01-28 @ 9:00 am	< 0.3	2022-01-31
11107446	100 13	2022-01-25 @ 11:00 am	2022-01-28 @ 9:00 am	0.5 ± 0.3	2022-01-31
11107427	100 14	2022-01-25 @ 11:00 am	2022-01-28 @ 9:00 am	0.7 ± 0.3	2022-01-31
11107420	100 15	2022-01-25 @ 11:00 am	2022-01-28 @ 9:00 am	< 0.3	2022-01-31
11107422	100 16	2022-01-25 @ 11:00 am	2022-01-28 @ 9:00 am	< 0.3	2022-01-31
11106764	11	2022-01-25 @ 2:00 pm	2022-01-28 @ 12:00 pm	< 0.3	2022-01-31
11106762	11	2022-01-25 @ 2:00 pm	2022-01-28 @ 11:00 am	< 0.3	2022-01-31
11106753	11	2022-01-25 @ 2:00 pm	2022-01-28 @ 12:00 pm	< 0.3	2022-01-31
11106694	11 1	2022-01-25 @ 2:00 pm	2022-01-28 @ 11:00 am	< 0.3	2022-01-31
11106728	11 10	2022-01-25 @ 2:00 pm	2022-01-28 @ 12:00 pm	< 0.3	2022-01-31
11106779	11 2	2022-01-25 @ 2:00 pm	2022-01-28 @ 12:00 pm	< 0.3	2022-01-31
11106741	11 2	2022-01-25 @ 2:00 pm	2022-01-28 @ 12:00 pm	< 0.3	2022-01-31
11106734	11 21	2022-01-25 @ 2:00 pm	2022-01-28 @ 12:00 pm	< 0.3	2022-01-31
11106752	11 22	2022-01-25 @ 2:00 pm	2022-01-28 @ 12:00 pm	< 0.3	2022-01-31
11106736	11 22	2022-01-25 @ 2:00 pm	2022-01-28 @ 12:00 pm	< 0.3	2022-01-31
11106735	11 22	2022-01-25 @ 2:00 pm	2022-01-28 @ 12:00 pm	< 0.3	2022-01-31
11106751	11 23	2022-01-25 @ 2:00 pm	2022-01-28 @ 12:00 pm	< 0.3	2022-01-31
11106737	11 24	2022-01-25 @ 2:00 pm	2022-01-28 @ 12:00 pm	< 0.3	2022-01-31
11106738	11 25	2022-01-25 @ 2:00 pm	2022-01-28 @ 12:00 pm	< 0.3	2022-01-31
11106745	11 26	2022-01-25 @ 2:00 pm	2022-01-28 @ 12:00 pm	0.6 ± 0.3	2022-01-31
11106746	11 27	2022-01-25 @ 2:00 pm	2022-01-28 @ 12:00 pm	< 0.3	2022-01-31
11106742	11 3	2022-01-25 @ 2:00 pm	2022-01-28 @ 12:00 pm	< 0.3	2022-01-31
11106743	11 4	2022-01-25 @ 2:00 pm	2022-01-28 @ 12:00 pm	< 0.3	2022-01-31
11106759	11 5	2022-01-25 @ 2:00 pm	2022-01-28 @ 12:00 pm	< 0.3	2022-01-31
11106760	11 6	2022-01-25 @ 2:00 pm	2022-01-28 @ 12:00 pm	< 0.3	2022-01-31
11106756	11 7	2022-01-25 @ 2:00 pm	2022-01-28 @ 12:00 pm	< 0.3	2022-01-31
11106744	11 8	2022-01-25 @ 2:00 pm	2022-01-28 @ 12:00 pm	< 0.3	2022-01-31
11106750	11 9	2022-01-25 @ 2:00 pm	2022-01-28 @ 11:00 am	0.6 ± 0.3	2022-01-31
11106700	147	2022-01-25 @ 12:00 pm	2022-01-28 @ 9:00 am	< 0.3	2022-01-31
11106680	147 A	2022-01-25 @ 12:00 pm	2022-01-28 @ 9:00 am	< 0.3	2022-01-31
11106683	148 OFFICE N	2022-01-25 @ 12:00 pm	2022-01-28 @ 9:00 am	< 0.3	2022-01-31
11106684	149	2022-01-25 @ 12:00 pm	2022-01-28 @ 9:00 am	< 0.3	2022-01-31
11106755	15	2022-01-25 @ 3:00 pm	2022-01-28 @ 11:00 am	< 0.3	2022-01-31
11106768	151	2022-01-25 @ 12:00 pm	2022-01-28 @ 9:00 am	< 0.3	2022-01-31
11106769	156 OFFICE 1	2022-01-25 @ 12:00 pm	2022-01-28 @ 9:00 am	< 0.3	2022-01-31
11106767	156 OFFICE 8	2022-01-25 @ 12:00 pm	2022-01-28 @ 9:00 am	< 0.3	2022-01-31

Radon test result report for:

CARVER EDUCATIONAL SERVICES CENTER

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
11106686	16	2022-01-25 @ 1:00 pm	2022-01-28 @ 12:00 pm	< 0.3	2022-01-31
11106763	16	2022-01-25 @ 1:00 pm	2022-01-28 @ 12:00 pm	< 0.3	2022-01-31
11107435	164	2022-01-25 @ 12:00 pm	2022-01-28 @ 9:00 am	< 0.3	2022-01-31
11107413	167	2022-01-25 @ 12:00 pm	2022-01-28 @ 9:00 am	< 0.3	2022-01-31
11107406	167	2022-01-25 @ 12:00 pm	2022-01-28 @ 9:00 am	< 0.3	2022-01-31
11107434	170	2022-01-25 @ 12:00 pm	2022-01-28 @ 9:00 am	< 0.3	2022-01-31
11107401	170 1	2022-01-25 @ 12:00 pm	2022-01-28 @ 9:00 am	< 0.3	2022-01-31
11107412	170 10	2022-01-25 @ 12:00 pm	2022-01-28 @ 9:00 am	0.9 ± 0.3	2022-01-31
11107404	170 11	2022-01-25 @ 12:00 pm	2022-01-28 @ 9:00 am	< 0.3	2022-01-31
11107405	170 2	2022-01-25 @ 12:00 pm	2022-01-28 @ 9:00 am	< 0.3	2022-01-31
11107402	170 2	2022-01-25 @ 12:00 pm	2022-01-28 @ 9:00 am	< 0.3	2022-01-31
11107428	170 2	2022-01-25 @ 12:00 pm	2022-01-28 @ 9:00 am	< 0.3	2022-01-31
11107407	170 3	2022-01-25 @ 12:00 pm	2022-01-28 @ 9:00 am	< 0.3	2022-01-31
11107409	170 4	2022-01-25 @ 12:00 pm	2022-01-28 @ 1:00 pm	< 0.3	2022-01-31
11107433	170 5	2022-01-25 @ 12:00 pm	2022-01-28 @ 9:00 am	< 0.3	2022-01-31
11107438	170 6	2022-01-25 @ 12:00 pm	2022-01-28 @ 9:00 am	< 0.3	2022-01-31
11107411	170 7	2022-01-25 @ 12:00 pm	2022-01-28 @ 9:00 am	< 0.3	2022-01-31
11107437	170 8	2022-01-25 @ 12:00 pm	2022-01-28 @ 9:00 am	< 0.3	2022-01-31
11107436	170 9	2022-01-25 @ 12:00 pm	2022-01-28 @ 9:00 am	< 0.3	2022-01-31
11107403	170 CONFERENCE	2022-01-25 @ 12:00 pm	2022-01-28 @ 9:00 am	< 0.3	2022-01-31
11107431	174	2022-01-25 @ 11:00 am	2022-01-28 @ 8:00 am	< 0.3	2022-01-31
11107430	174 OFFICE 1	2022-01-25 @ 11:00 am	2022-01-28 @ 8:00 am	0.9 ± 0.3	2022-01-31
11107464	174 OFFICE 2	2022-01-25 @ 11:00 am	2022-01-28 @ 8:00 am	< 0.3	2022-01-31
11107424	174 OFFICE 2	2022-01-25 @ 11:00 am	2022-01-28 @ 8:00 am	< 0.3	2022-01-31
11107421	174 OFFICE 2	2022-01-25 @ 11:00 am	2022-01-28 @ 8:00 am	< 0.3	2022-01-31
11107432	174 OFFICE 3	2022-01-25 @ 11:00 am	2022-01-28 @ 8:00 am	< 0.3	2022-01-31
11107443	175	2022-01-25 @ 11:00 am	2022-01-28 @ 8:00 am	0.7 ± 0.3	2022-01-31
11107429	177	2022-01-25 @ 11:00 am	2022-01-28 @ 8:00 am	0.8 ± 0.3	2022-01-31
11107408	177 OFFICE 1	2022-01-25 @ 11:00 am	2022-01-28 @ 8:00 am	0.6 ± 0.3	2022-01-31
11107414	177 OFFICE 2	2022-01-25 @ 11:00 am	2022-01-28 @ 8:00 am	0.6 ± 0.3	2022-01-31
11107416	177 OFFICE 2	2022-01-25 @ 11:00 am	2022-01-28 @ 8:00 am	< 0.3	2022-01-31
11107415	177 OFFICE 3	2022-01-25 @ 11:00 am	2022-01-28 @ 8:00 am	0.6 ± 0.3	2022-01-31
11107423	177 OFFICE 4	2022-01-25 @ 11:00 am	2022-01-28 @ 9:00 am	< 0.3	2022-01-31
11107418	177 OFFICE 5	2022-01-25 @ 11:00 am	2022-01-28 @ 9:00 am	1.1 ± 0.3	2022-01-31
11107419	177 OFFICE 6	2022-01-25 @ 11:00 am	2022-01-28 @ 9:00 am	0.6 ± 0.3	2022-01-31
11107439	177 OFFICE 7	2022-01-25 @ 11:00 am	2022-01-28 @ 9:00 am	1.1 ± 0.3	2022-01-31
11107417	177 OFFICE 8	2022-01-25 @ 11:00 am	2022-01-28 @ 9:00 am	0.9 ± 0.3	2022-01-31

Radon test result report for:

CARVER EDUCATIONAL SERVICES CENTER

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
11107410	177 OFFICE 9	2022-01-25 @ 11:00 am	2022-01-28 @ 10:00 am	0.5 ± 0.3	2022-01-31
11107441	178	2022-01-25 @ 11:00 am	2022-01-28 @ 8:00 am	< 0.3	2022-01-31
11107442	179	2022-01-25 @ 11:00 am	2022-01-28 @ 8:00 am	0.6 ± 0.3	2022-01-31
11107445	179A	2022-01-25 @ 11:00 am	2022-01-28 @ 8:00 am	< 0.3	2022-01-31
11106685	20	2022-01-25 @ 1:00 pm	2022-01-28 @ 12:00 pm	< 0.3	2022-01-31
11106687	20	2022-01-25 @ 1:00 pm	2022-01-28 @ 12:00 pm	< 0.3	2022-01-31
11106695	20	2022-01-25 @ 1:00 pm	2022-01-28 @ 12:00 pm	< 0.3	2022-01-31
11106749	20 1	2022-01-25 @ 1:00 pm	2022-01-28 @ 12:00 pm	< 0.3	2022-01-31
11106688	20 3	2022-01-25 @ 1:00 pm	2022-01-28 @ 12:00 pm	< 0.3	2022-01-31
11106757	20 3	2022-01-25 @ 1:00 pm	2022-01-28 @ 12:00 pm	< 0.3	2022-01-31
11107284	200	2022-01-25 @ 5:00 pm	2022-01-28 @ 12:00 pm	< 0.3	2022-01-31
11107299	204	2022-01-25 @ 5:00 pm	2022-01-28 @ 12:00 pm	< 0.3	2022-01-31
11107282	207	2022-01-25 @ 5:00 pm	2022-01-28 @ 12:00 pm	< 0.3	2022-01-31
11106758	22	2022-01-25 @ 1:00 pm	2022-01-28 @ 12:00 pm	< 0.3	2022-01-31
11107287	225	2022-01-25 @ 5:00 pm	2022-01-28 @ 12:00 pm	< 0.3	2022-01-31
11107280	225	2022-01-25 @ 5:00 pm	2022-01-28 @ 12:00 pm	< 0.3	2022-01-31
11107270	225	2022-01-25 @ 5:00 pm	2022-01-28 @ 12:00 pm	< 0.3	2022-01-31
11106740	23	2022-01-25 @ 3:00 pm	2022-01-28 @ 12:00 pm	< 0.3	2022-01-31
11107286	230	2022-01-25 @ 5:00 pm	2022-01-28 @ 12:00 pm	< 0.3	2022-01-31
11107273	24	2022-01-25 @ 5:00 pm	2022-01-28 @ 11:00 am	< 0.3	2022-01-31
11107274	24	2022-01-25 @ 5:00 pm	2022-01-28 @ 11:00 am	< 0.3	2022-01-31
11107276	241	2022-01-25 @ 5:00 pm	2022-01-28 @ 12:00 pm	< 0.3	2022-01-31
11106697	25	2022-01-25 @ 3:00 pm	2022-01-28 @ 11:00 am	0.7 ± 0.3	2022-01-31
11106726	25 CONFERENCE	2022-01-25 @ 3:00 pm	2022-01-28 @ 11:00 am	0.6 ± 0.3	2022-01-31
11106733	25A	2022-01-25 @ 3:00 pm	2022-01-28 @ 11:00 am	0.6 ± 0.3	2022-01-31
11106761	25B	2022-01-25 @ 3:00 pm	2022-01-28 @ 11:00 am	< 0.3	2022-01-31
11106696	25C	2022-01-25 @ 3:00 pm	2022-01-28 @ 11:00 am	1.3 ± 0.3	2022-01-31
11106731	26	2022-01-25 @ 3:00 pm	2022-01-28 @ 11:00 am	< 0.3	2022-01-31
11106732	26	2022-01-25 @ 3:00 pm	2022-01-28 @ 12:00 pm	< 0.3	2022-01-31
11107268	263	2022-01-25 @ 5:00 pm	2022-01-28 @ 12:00 pm	< 0.3	2022-01-31
11107256	269	2022-01-25 @ 5:00 pm	2022-01-28 @ 12:00 pm	< 0.3	2022-01-31
11106748	27	2022-01-25 @ 3:00 pm	2022-01-28 @ 11:00 am	< 0.3	2022-01-31
11106747	27	2022-01-25 @ 3:00 pm	2022-01-28 @ 12:00 pm	< 0.3	2022-01-31
11106725	29A	2022-01-25 @ 2:00 pm	2022-01-28 @ 11:00 am	< 0.3	2022-01-31
11106729	29B	2022-01-25 @ 2:00 pm	2022-01-28 @ 11:00 am	< 0.3	2022-01-31
11106727	29C	2022-01-25 @ 2:00 pm	2022-01-28 @ 11:00 am	0.6 ± 0.3	2022-01-31
11106719	31 C	2022-01-25 @ 2:00 pm	2022-01-28 @ 11:00 am	< 0.3	2022-01-31

Radon test result report for:

CARVER EDUCATIONAL SERVICES CENTER

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
11106720	31A	2022-01-25 @ 2:00 pm	2022-01-28 @ 11:00 am	< 0.3	2022-01-31
11106721	31B	2022-01-25 @ 2:00 pm	2022-01-28 @ 11:00 am	< 0.3	2022-01-31
11106730	31B	2022-01-25 @ 2:00 pm	2022-01-28 @ 11:00 am	< 0.3	2022-01-31
11106754	31C	2022-01-25 @ 2:00 pm	2022-01-28 @ 11:00 am	< 0.3	2022-01-31
11106739	35	2022-01-25 @ 3:00 pm	2022-01-28 @ 11:00 am	< 0.3	2022-01-31
11106724	35	2022-01-25 @ 3:00 pm	2022-01-28 @ 11:00 am	< 0.3	2022-01-31
11106722	41	2022-01-25 @ 3:00 pm	2022-01-28 @ 11:00 am	< 0.3	2022-01-31
11106723	41 7	2022-01-25 @ 3:00 pm	2022-01-28 @ 11:00 am	< 0.3	2022-01-31
11106716	43	2022-01-25 @ 3:00 pm	2022-01-28 @ 11:00 am	< 0.3	2022-01-31
11106717	43	2022-01-25 @ 3:00 pm	2022-01-28 @ 11:00 am	< 0.3	2022-01-31
11106714	43	2022-01-25 @ 3:00 pm	2022-01-28 @ 11:00 am	< 0.3	2022-01-31
11106713	43	2022-01-25 @ 4:00 pm	2022-01-28 @ 11:00 am	< 0.3	2022-01-31
11106712	43	2022-01-25 @ 4:00 pm	2022-01-28 @ 11:00 am	< 0.3	2022-01-31
11106718	43	2022-01-25 @ 3:00 pm	2022-01-28 @ 11:00 am	< 0.3	2022-01-31
11106690	43	2022-01-25 @ 3:00 pm	2022-01-28 @ 11:00 am	< 0.3	2022-01-31
11106701	43	2022-01-25 @ 3:00 pm	2022-01-28 @ 11:00 am	< 0.3	2022-01-31
11106709	50	2022-01-25 @ 4:00 pm	2022-01-28 @ 10:00 am	< 0.3	2022-01-31
11107288	50	2022-01-25 @ 5:00 pm	2022-01-28 @ 10:00 am	< 0.3	2022-01-31
11106705	50	2022-01-25 @ 4:00 pm	2022-01-28 @ 10:00 am	< 0.3	2022-01-31
11106703	50	2022-01-25 @ 4:00 pm	2022-01-28 @ 10:00 am	< 0.3	2022-01-31
11106706	50	2022-01-25 @ 4:00 pm	2022-01-28 @ 10:00 am	< 0.3	2022-01-31
11106715	50	2022-01-25 @ 4:00 pm	2022-01-28 @ 10:00 am	< 0.3	2022-01-31
11106704	50	2022-01-25 @ 4:00 pm	2022-01-28 @ 10:00 am	< 0.3	2022-01-31
11106708	50	2022-01-25 @ 4:00 pm	2022-01-28 @ 10:00 am	< 0.3	2022-01-31
11106710	50	2022-01-25 @ 4:00 pm	2022-01-28 @ 10:00 am	< 0.3	2022-01-31
11106707	50	2022-01-25 @ 4:00 pm	2022-01-28 @ 10:00 am	< 0.3	2022-01-31
11106711	50	2022-01-25 @ 4:00 pm	2022-01-28 @ 10:00 am	< 0.3	2022-01-31
11106702	55	2022-01-25 @ 4:00 pm	2022-01-28 @ 10:00 am	< 0.3	2022-01-31
11107294	55 A	2022-01-25 @ 4:00 pm	2022-01-28 @ 11:00 am	< 0.3	2022-01-31
11107295	55 B	2022-01-25 @ 4:00 pm	2022-01-28 @ 11:00 am	< 0.3	2022-01-31
11107297	55 C	2022-01-25 @ 4:00 pm	2022-01-28 @ 10:00 am	< 0.3	2022-01-31
11107292	55 D	2022-01-25 @ 4:00 pm	2022-01-28 @ 10:00 am	< 0.3	2022-01-31
11107290	55 E	2022-01-25 @ 4:00 pm	2022-01-28 @ 10:00 am	< 0.3	2022-01-31
11107293	55 F	2022-01-25 @ 4:00 pm	2022-01-28 @ 11:00 am	< 0.3	2022-01-31
11107275	55 G	2022-01-25 @ 4:00 pm	2022-01-28 @ 11:00 am	< 0.3	2022-01-31
11107285	55 H	2022-01-25 @ 4:00 pm	2022-01-28 @ 11:00 am	< 0.3	2022-01-31
11107291	55 H	2022-01-25 @ 4:00 pm	2022-01-28 @ 11:00 am	< 0.3	2022-01-31

February 1, 2022

**** LABORATORY ANALYSIS REPORT ****

Radon test result report for:

CARVER EDUCATIONAL SERVICES CENTER

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
11107298	55 H CONFERENCE	2022-01-25 @ 4:00 pm	2022-01-28 @ 11:00 am	< 0.3	2022-01-31
11107296	55 I	2022-01-25 @ 4:00 pm	2022-01-28 @ 10:00 am	< 0.3	2022-01-31
11107277	56	2022-01-25 @ 4:00 pm	2022-01-28 @ 11:00 am	< 0.3	2022-01-31
11107272	59	2022-01-25 @ 5:00 pm	2022-01-28 @ 11:00 am	< 0.3	2022-01-31
11107300	62	2022-01-25 @ 4:00 pm	2022-01-28 @ 11:00 am	< 0.3	2022-01-31
11107279	62	2022-01-25 @ 4:00 pm	2022-01-28 @ 11:00 am	< 0.3	2022-01-31
11107289	62	2022-01-25 @ 4:00 pm	2022-01-28 @ 11:00 am	< 0.3	2022-01-31
11107281	62	2022-01-25 @ 4:00 pm	2022-01-28 @ 11:00 am	0.5 ± 0.3	2022-01-31
11107278	62	2022-01-25 @ 4:00 pm	2022-01-28 @ 11:00 am	< 0.3	2022-01-31
11107283	62	2022-01-25 @ 4:00 pm	2022-01-28 @ 11:00 am	< 0.3	2022-01-31

Air Chek 1936 Butler Bridge Rd, Mills River, NC 28759-3892 Phone: (828) 684-0893 Fax: (828) 684-8498

Radon test result report for:**CARVER SERVICES EDUCATIONAL CENTER**

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
11107498	110	2022-01-25 @ 8:00 am	2022-01-28 @ 10:00 am	< 0.3	2022-01-31
11107496	112	2022-01-25 @ 8:00 am	2022-01-28 @ 10:00 am	< 0.3	2022-01-31
11107497	113	2022-01-25 @ 8:00 am	2022-01-28 @ 10:00 am	< 0.3	2022-01-31
11107500	113	2022-01-25 @ 8:00 am	2022-01-28 @ 10:00 am	< 0.3	2022-01-31
11107499	114	2022-01-25 @ 8:00 am	2022-01-28 @ 10:00 am	0.7 ± 0.3	2022-01-31
11107485	114 TECH	2022-01-25 @ 8:00 am	2022-01-28 @ 10:00 am	0.8 ± 0.3	2022-01-31
11107486	120	2022-01-25 @ 8:00 am	2022-01-28 @ 10:00 am	< 0.3	2022-01-31
11107480	122	2022-01-25 @ 8:00 am	2022-01-28 @ 10:00 am	< 0.3	2022-01-31
11107492	122 BREAK ROOM	2022-01-25 @ 8:00 am	2022-01-28 @ 10:00 am	< 0.3	2022-01-31
11107479	122 OFFICE 1	2022-01-25 @ 9:00 am	2022-01-28 @ 11:00 am	< 0.3	2022-01-31
11107491	122 OFFICE 1	2022-01-25 @ 8:00 am	2022-01-28 @ 11:00 am	< 0.3	2022-01-31
11107478	122 OFFICE 2	2022-01-25 @ 9:00 am	2022-01-28 @ 10:00 am	< 0.3	2022-01-31
11107477	122 OFFICE 3	2022-01-25 @ 9:00 am	2022-01-28 @ 10:00 am	< 0.3	2022-01-31
11106689	133	2022-01-25 @ 8:00 am	2022-01-28 @ 10:00 am	< 0.3	2022-01-31
11106699	133	2022-01-25 @ 8:00 am	2022-01-28 @ 10:00 am	< 0.3	2022-01-31
11107494	133	2022-01-25 @ 8:00 am	2022-01-28 @ 10:00 am	< 0.3	2022-01-31

EXPOSURE IN BOWSER-MORNER RADON CHAMBER

CLIENT KCI Technologies, Inc. Job Number 203404

NOMINAL Conditions: Radon Conc 16.2 pCi/L Rel. Hum 28.8 % Temp. 59.9 F

Date Start: 12/24/21 Date Stop: 12/27/21 Date Start: _____ Date Stop: _____

Time Start: 0809 Time Stop: 0809 Time Start: _____ Time Stop: _____

Device No.'s: (2) Char Bags- Device No.'s: _____

9341721, 9341722

64 left

Date Start: _____ Date Stop: _____ Date Start: _____ Date Stop: _____

Time Start: _____ Time Stop: _____ Time Start: _____ Time Stop: _____

Device No.'s: _____ Device No.'s: _____

Date Start: _____ Date Stop: _____ Date Start: _____ Date Stop: _____

Time Start: _____ Time Stop: _____ Time Start: _____ Time Stop: _____

Device No.'s: _____ Device No.'s: _____

**Note: All times are in 24-hour (military) notation, Eastern Standard Time (EST)
Background = 7 μ R/h Elevation = 820 ft**

December 31, 2021

**** LABORATORY ANALYSIS REPORT ****

Radon test result report for:

SK
MA MCPS - Spike Sample Lab Results. Measured values are satisfactory, i.e., within $\pm 25\%$ of the chamber's reference value (16.2 pCi/L).

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
9341721	1	2021-12-24 @ 8:00 am	2021-12-27 @ 8:00 am	11.6 \pm 0.9	2021-12-31
9341722	1	2021-12-24 @ 8:00 am	2021-12-27 @ 8:00 am	15.4 \pm 1.2	2021-12-31

Air Chek 1936 Butler Bridge Rd, Mills River, NC 28759-3892 Phone: (828) 684-0893 Fax: (828) 684-8498



Radon Test Kit Chain of Custody

Project Name: MCPS Radon – January 2022 Schools

Name of Schools:

1. Carver Educational Center
2. College Gardens ES
3. Farmland ES
4. Julius West MS
5. Maryvale ES
6. Robert Frost MS
7. Rock Creek Forest ES
8. Sandburg Learning Center
9. Westbrook ES

	Date	Initials
Radon Test Kits Deployed	01/19/2022	DM
Radon Test Kits Collected	01/22/2022	DM
Radon Test Kits Shipped to Lab*	01/22/2022	DM
Radon Test Kits Received by Lab*	01/24/2022	DM

*All samples sent to Air Check, Inc., 1936 Butler Bridge Rd, Mills River, NC 28759



MCPS RADON TESTING

Executive Summary: Carver Educational Service Center

Date of Test Report:	3/3/2016
Round of Testing:	Initial Follow-up Post Remediation
# Rooms Tested:	153
# Rooms \geq 4.0 pCi/L:	0
Low Value:	< 0.3
High Value:	3.0

Project Status:

Initial testing completed; no further action at this time.



March 3, 2016

Mr. Richard Cox
Indoor Air Quality Team Leader
Montgomery County Public Schools
850 Hungerford Drive
Rockville, MD 20850

Re: **Radon Testing Services**
KCI Job # 12146341.26

Location: Carver Educational Service Center
850 Hungerford Drive
Rockville, MD 20850

Dear Mr. Cox:

KCI Technologies, Inc. (KCI) is pleased to submit the following report to the Montgomery County Public Schools (MCPS) pursuant to completing a “short-term” 3 day radon test for the Carver Educational Service Center, located at 850 Hungerford Drive in Rockville, Maryland 20850 (subject site).

Scope of Services:

KCI conducted radon testing at the subject site to evaluate indoor radon levels relative to the USEPA's recommended action level of 4.0 picocuries per Liter (pCi/L) - the level at which EPA recommends that schools take action to reduce the level. KCI conducted the radon testing in accordance with American Association of Radon Scientists and Technologists (AARST) *Protocol for Conducting Measurements of Radon and Radon Decay Products in Schools and Large Buildings*. A National Radon Safety Board (NRSB) Radon Measurement Specialist (certification #14SS056) supervised the testing. Additional information on radon management and the health effects of radon exposure is available from www.montgomerycountymd.gov/dep/air/radon or www.epa.gov/radon.

KCI visited the site on February 2, 2016 and deployed one hundred seventy-seven (177) activated charcoal (AC) radon test kits. KCI deployed radon test kits in frequently-occupied ground contact rooms, and other areas, (if applicable) in accordance with AARST guidance. A floor plan map of the building with the test locations is included as Attachment A of this report.

As a quality control measure, KCI included duplicate samples, field blanks, lab transit blanks, and office blanks in accordance with AARST recommendations. In addition, KCI submitted six (6) test kits to Bowser-Morner, Inc. as spike samples. The spiked tests were exposed to a known radon concentration by Bowser-Morner prior to being returned to the laboratory for analysis.

KCI returned to the site on February 5, 2016 to retrieve the radon sampling test kits. KCI shipped all radon tests via overnight delivery to Airchek, Inc. for analysis by gamma-ray spectroscopy. Airchek, Inc. is a NRSB certified analytical laboratory for radon analysis (certification # ARL1402) located at 1936

Butler Bridge Road, Mills River, North Carolina.

Evaluation of Testing Conditions:

The operating condition that represents the greatest amount of significantly occupied time for this building is; heating active, with outdoor temperature averages $\leq 65^{\circ}$ F.

KCI concludes that the test period reasonably represents normal conditions when the building is significantly occupied. Clear characterization of the radon hazard is most likely to be observed under this normal operating condition. Based on the evaluation of test conditions, this test should reasonably characterize radon hazards.

KCI also conducted observations of field conditions which could affect the results of the test and compiled weather data for the testing period. KCI recorded observations of the following conditions in each room at the time of deployment and collection of the radon test kits:

- Indoor temperature,
- HVAC Operation,
- Dehumidifier operation,
- Humidifier operation,
- Ceiling fan operation, and
- Open windows or doors.

Results:

The results of the radon test analysis indicated the following:

Radon Concentration	Room	Result
≥ 4.0 pCi/L	none	n/a
< 4.0 pCi/L	See Attachment B	

Notes:
D- Duplicate sample

The field blanks, office blanks, and lab transit blanks had test results of less than the laboratory detection limit of 0.3 pCi/L. Review of the duplicate sample analysis indicates that adequate laboratory measurement precision was achieved. The Spike sample analysis results indicate the laboratory is operating within statistical control limits.

The sampling locations, field observations, and analytical results are listed on Table 1 (Attachment B). The laboratory analytical results are also attached (Attachment C). Laboratory results and exposure data for the spike samples are also included in Attachment C.

Our professional services have been performed in accordance with customary principles and practices in the field of industrial hygiene and engineering. If you have any questions or comments regarding this report, please feel free to contact me at (410) 316-7800.

Sincerely,



James M. Mouldale
Radon Measurement Specialist
KCI Technologies, Inc.

Attachments: A- Floor Plan with Test Locations
 B- Table 1-Radon Test Summary Spreadsheet
 C- Laboratory Analytical Results

ATTACHMENT A

Floor Plan With Test Locations

ATTACHMENT B

Radon Test Summary Spreadsheet

Table Notes:

AC- Activated Charcoal

ACI- Air Chek, Inc.

D- Duplicate

FB- Field Blank

KCI- KCI Technologies, Inc.

OB- Office Blank

PM- Project Manager

QC- Quality Control

ATTACHMENT C

Laboratory Analytical Results

Radon Testing Results		
Carver Educational Service Center		
Test Period: 02/02/16-02/05/16		
Kit Number	Room / Area	Result
7732543	10	0.9
7732535	11	0.6
7732551	11	< 0.3
7732529	20	0.8
7732527	21	< 0.3
7732511	24	0.6
7732512	25	0.9
7732523	26	1.0
7732521	27	< 0.3
7732524	31	< 0.3
7732552	41	0.6
7732568	43	< 0.3
7732576	50	< 0.3
7732584	51	< 0.3
7732586	55	< 0.3
7732596	56	0.6
7732597	59	0.9
7732598	61	1.2
7731701	62	1.5
7731734	100	1.2
7731749	101	< 0.3
7732504	108	0.6
7731755	110	< 0.3
7732501	112	< 0.3
7731763	113	1.2
7731761	114	1.0
7731764	120	0.6
7731765	122	0.6
7731752	131	< 0.3
7731707	174	0.9
7731712	177	1.3
7731724	178	1.2
7731725	179	1.2
7731728	180	1.0
7731729	181	0.6
7731722	182	0.8
7731769	200	< 0.3
7731777	201	< 0.3
7731730	100A	1.3
7731731	100B	0.9
7731732	100C	0.9
7731733	100D	0.8
7731735	100E	0.6
7731737	100F	0.8
7731738	100G	1.0
7731739	100H	1.0

Table Note:

* Missing or Compromised Sample

Radon Testing Results		
Carver Educational Service Center		
Test Period: 02/02/16-02/05/16		
Kit Number	Room / Area	Result
7731740	100I	1.0
7731741	100J	0.8
7731742	100K	1.0
7731743	100L	1.2
7731744	100M	1.4
7731745	100N	1.2
7731746	100O	1.2
7731747	100P	1.3
7731748	100Q	1.4
7731750	107A	0.6
7731751	107B	0.6
7732507	108A	< 0.3
7732508	108B	< 0.3
7732509	108C	< 0.3
7731757	112B	< 0.3
7731758	112C	< 0.3
7731760	112D	0.5
7732536	11A	0.8
7732537	11B	1.0
7732538	11C	0.8
7732539	11D	0.6
7732540	11E	1.0
7732541	11F	0.7
7732542	11G	0.6
7732544	11H	0.7
7732545	11I	1.0
7732546	11J	0.6
7732547	11K	1.2
7732548	11L	0.7
7732549	11M	0.6
7732550	11N	0.6
7731766	122A	< 0.3
7731767	122B	< 0.3
7731768	122C	< 0.3
7731753	131A	< 0.3
7731754	131B	0.6
7732518	15C	1.1
7732534	16A	0.8
7731709	174A	0.6
7731710	174B	1.1
7731711	174C	1.2
7731713	177A	1.3
7731714	177B	1.2
7731715	177C	1.1
7731716	177D	1.4
7731717	177E	1.1
7731718	177F	1.1
7731720	177G	1.2
7731721	177H	1.3
7731723	179A	1.0

Table Note:

* Missing or Compromised Sample

Radon Testing Results		
Carver Educational Service Center		
Test Period: 02/02/16-02/05/16		
Kit Number	Room / Area	Result
7731770	200A	< 0.3
7731772	200B	< 0.3
7731773	200C	< 0.3
7731774	200D	< 0.3
7731775	200E	< 0.3
7731776	200F	< 0.3
7732533	20A	< 0.3
7732530	20B	0.6
7732531	20C	0.8
7732532	20D	0.5
7732510	23C	0.5
7732513	25A	0.9
7732514	25B	1.2
7732515	25C	1.0
7732516	25D	1.0
7732517	25E	0.9
7732520	29A	1.3
7732519	29B	1.0
7732525	31A	0.7
7732526	31B	1.0
7732556	41A	< 0.3
7732558	41B	0.5
7732559	41C	0.5
7732560	41D	< 0.3
7732561	41E	< 0.3
7732562	41F	< 0.3
7732555	41G	< 0.3
7732557	41H	< 0.3
7732563	41I	0.6
7732564	41J	< 0.3
7732565	41K	0.5
7732566	41L	0.6
7732567	41M	< 0.3
7732570	43A	< 0.3
7732571	43B	0.7
7732572	43C	0.6
7732573	43D	< 0.3
7732574	43E	< 0.3
7732575	43F	< 0.3
7732577	50A	< 0.3
7732578	50B	0.6
7732579	50C	0.6
7732580	50D	< 0.3
7732582	51A	< 0.3
7732583	51A 2	0.6
7732595	55A	< 0.3
7732594	55B	< 0.3
7732593	55C	0.6
7732592	55D	< 0.3
7732591	55E	0.7

Table Note:

* Missing or Compromised Sample

Radon Testing Results		
Carver Educational Service Center		
Test Period: 02/02/16-02/05/16		
Kit Number	Room / Area	Result
7732590	55F	< 0.3
7732589	55G	0.6
7732588	55I	0.5
7732599	62A	1.2
7732600	62B	1.4
7731704	62C	3.0
7731705	62D	1.5
7731706	62E	1.1

Table Note:

* Missing or Compromised Sample

Radon Testing Results		
Carver Educational Service Center		
Test Period: 02/02/16-02/05/16		
Kit Number	QC Type	Result
7731736	D (100E)	0.6
7732505	D (108)	0.8
7731756	D (110)	0.7
7732502	D (112)	< 0.3
7731762	D (114)	1.1
7731708	D (174)	0.7
7731719	D (177F)	1.3
7731726	D (179)	1
7731771	D (200A)	< 0.3
7732528	D (21)	0.6
7732553	D (41)	< 0.3
7732569	D (43)	< 0.3
7732581	D (50D)	0.7
7732585	D (51)	0.7
7732587	D (55)	< 0.3
7731702	D (62)	1.4
7732506	FB (108)	< 0.3
7732503	FB (112)	< 0.3
7731727	FB (179)	< 0.3
7732554	FB (41)	< 0.3
7731703	FB (62)	< 0.3
7730075	OB (0)	< 0.3
7730074	OB (0)	< 0.3

Table Note:

* Missing or Compromised Sample

March 3, 2016
** LABORATORY ANALYSIS REPORT **

Radon test result report for:
**CARVER EDUCATIONAL SERVICE CENTER
MAIN**

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
7730074	0	2016-02-02 @ 5:00 pm	2016-02-05 @ 12:00 pm	< 0.3	2016-02-09
7730075	0	2016-02-02 @ 5:00 pm	2016-02-05 @ 12:00 pm	< 0.3	2016-02-09
7732543	10	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	0.9 ± 0.3	2016-02-09
7731734	100	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	1.2 ± 0.4	2016-02-09
7731730	100A	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	1.3 ± 0.4	2016-02-09
7731731	100B	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	0.9 ± 0.3	2016-02-09
7731732	100C	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	0.9 ± 0.3	2016-02-09
7731733	100D	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	0.8 ± 0.3	2016-02-09
7731735	100E	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	0.6 ± 0.3	2016-02-09
7731736	100E	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	0.6 ± 0.3	2016-02-09
7731737	100F	2016-02-02 @ 2:00 pm	2016-02-05 @ 9:00 am	0.8 ± 0.4	2016-02-09
7731738	100G	2016-02-02 @ 2:00 pm	2016-02-05 @ 9:00 am	1.0 ± 0.3	2016-02-09
7731739	100H	2016-02-02 @ 2:00 pm	2016-02-05 @ 9:00 am	1.0 ± 0.3	2016-02-09
7731740	100I	2016-02-02 @ 2:00 pm	2016-02-05 @ 9:00 am	1.0 ± 0.3	2016-02-09
7731741	100J	2016-02-02 @ 2:00 pm	2016-02-05 @ 9:00 am	0.8 ± 0.3	2016-02-09
7731742	100K	2016-02-02 @ 2:00 pm	2016-02-05 @ 9:00 am	1.0 ± 0.3	2016-02-09
7731743	100L	2016-02-02 @ 2:00 pm	2016-02-05 @ 9:00 am	1.2 ± 0.3	2016-02-09
7731744	100M	2016-02-02 @ 2:00 pm	2016-02-05 @ 9:00 am	1.4 ± 0.4	2016-02-09
7731745	100N	2016-02-02 @ 2:00 pm	2016-02-05 @ 9:00 am	1.2 ± 0.3	2016-02-09
7731746	100O	2016-02-02 @ 2:00 pm	2016-02-05 @ 9:00 am	1.2 ± 0.4	2016-02-09
7731747	100P	2016-02-02 @ 2:00 pm	2016-02-05 @ 9:00 am	1.3 ± 0.3	2016-02-09
7731748	100Q	2016-02-02 @ 2:00 pm	2016-02-05 @ 9:00 am	1.4 ± 0.4	2016-02-09
7731749	101	2016-02-02 @ 2:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7731750	107A	2016-02-02 @ 2:00 pm	2016-02-05 @ 9:00 am	0.6 ± 0.3	2016-02-09
7731751	107B	2016-02-02 @ 2:00 pm	2016-02-05 @ 9:00 am	0.6 ± 0.3	2016-02-09
7732504	108	2016-02-02 @ 11:00 am	2016-02-05 @ 8:00 am	0.6 ± 0.3	2016-02-09
7732505	108	2016-02-02 @ 11:00 am	2016-02-05 @ 8:00 am	0.8 ± 0.3	2016-02-09
7732506	108	2016-02-02 @ 11:00 am	2016-02-05 @ 8:00 am	< 0.3	2016-02-09
7732507	108A	2016-02-02 @ 11:00 am	2016-02-05 @ 8:00 am	< 0.3	2016-02-09
7732508	108B	2016-02-02 @ 11:00 am	2016-02-05 @ 8:00 am	< 0.3	2016-02-09
7732509	108B	2016-02-02 @ 11:00 am	2016-02-05 @ 8:00 am	< 0.3	2016-02-09
7732535	11	2016-02-02 @ 12:00 pm	2016-02-05 @ 8:00 am	0.6 ± 0.3	2016-02-09
7732551	11	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7731755	110	2016-02-02 @ 2:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7731756	110	2016-02-02 @ 2:00 pm	2016-02-05 @ 9:00 am	0.7 ± 0.3	2016-02-09
7732501	112	2016-02-02 @ 11:00 am	2016-02-05 @ 8:00 am	< 0.3	2016-02-09
7732502	112	2016-02-02 @ 11:00 am	2016-02-05 @ 8:00 am	< 0.3	2016-02-09

March 3, 2016
** LABORATORY ANALYSIS REPORT **

Radon test result report for:
**CARVER EDUCATIONAL SERVICE CENTER
MAIN**

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
7732503	112	2016-02-02 @ 11:00 am	2016-02-05 @ 8:00 am	< 0.3	2016-02-09
7731757	112B	2016-02-02 @ 2:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7731758	112C	2016-02-02 @ 2:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7731760	112D	2016-02-02 @ 2:00 pm	2016-02-05 @ 9:00 am	0.5 ± 0.3	2016-02-09
7731763	113	2016-02-02 @ 2:00 pm	2016-02-05 @ 9:00 am	1.2 ± 0.4	2016-02-09
7731761	114	2016-02-02 @ 2:00 pm	2016-02-05 @ 9:00 am	1.0 ± 0.3	2016-02-09
7731762	114	2016-02-02 @ 2:00 pm	2016-02-05 @ 9:00 am	1.1 ± 0.3	2016-02-09
7732536	11A	2016-02-02 @ 12:00 pm	2016-02-05 @ 8:00 am	0.8 ± 0.3	2016-02-09
7732537	11B	2016-02-02 @ 12:00 pm	2016-02-05 @ 8:00 am	1.0 ± 0.3	2016-02-09
7732538	11C	2016-02-02 @ 12:00 pm	2016-02-05 @ 8:00 am	0.8 ± 0.3	2016-02-09
7732539	11D	2016-02-02 @ 12:00 pm	2016-02-05 @ 8:00 am	0.6 ± 0.3	2016-02-09
7732540	11E	2016-02-02 @ 12:00 pm	2016-02-05 @ 8:00 am	1.0 ± 0.3	2016-02-09
7732541	11F	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	0.7 ± 0.3	2016-02-09
7732542	11G	2016-02-02 @ 12:00 pm	2016-02-05 @ 8:00 am	0.6 ± 0.3	2016-02-09
7732544	11H	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	0.7 ± 0.3	2016-02-09
7732545	11I	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	1.0 ± 0.3	2016-02-09
7732546	11J	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	0.6 ± 0.3	2016-02-09
7732548	11L	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	0.7 ± 0.3	2016-02-09
7732549	11M	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	0.6 ± 0.3	2016-02-09
7732550	11N	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	0.6 ± 0.3	2016-02-09
7731764	120	2016-02-02 @ 2:00 pm	2016-02-05 @ 9:00 am	0.6 ± 0.3	2016-02-09
7731765	122	2016-02-02 @ 2:00 pm	2016-02-05 @ 9:00 am	0.6 ± 0.3	2016-02-09
7731766	122A	2016-02-02 @ 2:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7731767	122B	2016-02-02 @ 2:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7731768	122C	2016-02-02 @ 2:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7731752	131	2016-02-02 @ 2:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7731753	131A	2016-02-02 @ 2:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7731754	131B	2016-02-02 @ 2:00 pm	2016-02-05 @ 9:00 am	0.6 ± 0.3	2016-02-09
7732518	15C	2016-02-02 @ 12:00 pm	2016-02-05 @ 8:00 am	1.1 ± 0.3	2016-02-09
7732534	16A	2016-02-02 @ 12:00 pm	2016-02-05 @ 8:00 am	0.8 ± 0.3	2016-02-09
7731707	174	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	0.9 ± 0.3	2016-02-09
7731708	174	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	0.7 ± 0.3	2016-02-09
7731709	174A	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	0.6 ± 0.3	2016-02-09
7731710	174B	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	1.1 ± 0.3	2016-02-09
7731711	174C	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	1.2 ± 0.3	2016-02-09
7731712	177	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	1.3 ± 0.3	2016-02-09
7731713	177A	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	1.3 ± 0.4	2016-02-09

March 3, 2016
** LABORATORY ANALYSIS REPORT **

Radon test result report for:
**CARVER EDUCATIONAL SERVICE CENTER
MAIN**

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
7731714	177B	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	1.2 ± 0.4	2016-02-09
7731715	177C	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	1.1 ± 0.3	2016-02-09
7731716	177D	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	1.4 ± 0.3	2016-02-09
7731717	177E	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	1.1 ± 0.3	2016-02-09
7731718	177F	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	1.1 ± 0.3	2016-02-09
7731719	177F	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	1.3 ± 0.3	2016-02-09
7731720	177G	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	1.2 ± 0.3	2016-02-09
7731721	177H	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	1.3 ± 0.4	2016-02-09
7731724	178	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	1.2 ± 0.4	2016-02-09
7731725	179	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	1.2 ± 0.4	2016-02-09
7731726	179	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	1.0 ± 0.3	2016-02-09
7731727	179	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7731723	179A	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	1.0 ± 0.3	2016-02-09
7731728	180	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	1.0 ± 0.3	2016-02-09
7731729	181	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	0.6 ± 0.3	2016-02-09
7731722	182	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	0.8 ± 0.3	2016-02-09
7732529	20	2016-02-02 @ 12:00 pm	2016-02-05 @ 8:00 am	0.8 ± 0.3	2016-02-09
7731769	200	2016-02-02 @ 2:00 pm	2016-02-05 @ 10:00 am	< 0.3	2016-02-09
7731770	200A	2016-02-02 @ 2:00 pm	2016-02-05 @ 10:00 am	< 0.3	2016-02-09
7731771	200A	2016-02-02 @ 2:00 pm	2016-02-05 @ 10:00 am	< 0.3	2016-02-09
7731772	200B	2016-02-02 @ 2:00 pm	2016-02-05 @ 10:00 am	< 0.3	2016-02-09
7731773	200C	2016-02-02 @ 2:00 pm	2016-02-05 @ 10:00 am	< 0.3	2016-02-09
7731774	200D	2016-02-02 @ 2:00 pm	2016-02-05 @ 10:00 am	< 0.3	2016-02-09
7731775	200E	2016-02-02 @ 2:00 pm	2016-02-05 @ 10:00 am	< 0.3	2016-02-09
7731776	200F	2016-02-02 @ 2:00 pm	2016-02-05 @ 10:00 am	< 0.3	2016-02-09
7731777	201	2016-02-02 @ 2:00 pm	2016-02-05 @ 10:00 am	< 0.3	2016-02-09
7732533	20A	2016-02-02 @ 12:00 pm	2016-02-05 @ 8:00 am	< 0.3	2016-02-09
7732530	20B	2016-02-02 @ 12:00 pm	2016-02-05 @ 8:00 am	0.6 ± 0.3	2016-02-09
7732531	20C	2016-02-02 @ 12:00 pm	2016-02-05 @ 8:00 am	0.8 ± 0.3	2016-02-09
7732532	20D	2016-02-02 @ 12:00 pm	2016-02-05 @ 8:00 am	0.5 ± 0.3	2016-02-09
7732527	21	2016-02-02 @ 12:00 pm	2016-02-05 @ 8:00 am	< 0.3	2016-02-09
7732528	21	2016-02-02 @ 12:00 pm	2016-02-05 @ 8:00 am	0.6 ± 0.3	2016-02-09
7732510	23C	2016-02-02 @ 11:00 am	2016-02-05 @ 8:00 am	0.5 ± 0.3	2016-02-09
7732511	24	2016-02-02 @ 11:00 am	2016-02-05 @ 8:00 am	0.6 ± 0.3	2016-02-09
7732512	25	2016-02-02 @ 11:00 am	2016-02-05 @ 8:00 am	0.9 ± 0.3	2016-02-09
7732513	25A	2016-02-02 @ 11:00 am	2016-02-05 @ 8:00 am	0.9 ± 0.3	2016-02-09
7732514	25B	2016-02-02 @ 11:00 am	2016-02-05 @ 8:00 am	1.2 ± 0.3	2016-02-09

March 3, 2016 **** LABORATORY ANALYSIS REPORT ****

Radon test result report for:
**CARVER EDUCATIONAL SERVICE CENTER
MAIN**

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
7732515	25C	2016-02-02 @ 11:00 am	2016-02-05 @ 8:00 am	1.0 ± 0.3	2016-02-09
7732516	25D	2016-02-02 @ 11:00 am	2016-02-05 @ 8:00 am	1.0 ± 0.3	2016-02-09
7732517	25E	2016-02-02 @ 11:00 am	2016-02-05 @ 8:00 am	0.9 ± 0.3	2016-02-09
7732523	26	2016-02-02 @ 12:00 pm	2016-02-05 @ 8:00 am	1.0 ± 0.3	2016-02-09
7732521	27	2016-02-02 @ 12:00 pm	2016-02-05 @ 8:00 am	< 0.3	2016-02-09
7732520	29A	2016-02-02 @ 12:00 pm	2016-02-05 @ 8:00 am	1.3 ± 0.4	2016-02-09
7732519	29B	2016-02-02 @ 12:00 pm	2016-02-05 @ 8:00 am	1.0 ± 0.3	2016-02-09
7732524	31	2016-02-02 @ 12:00 pm	2016-02-05 @ 8:00 am	< 0.3	2016-02-09
7732525	31A	2016-02-02 @ 12:00 pm	2016-02-05 @ 8:00 am	0.7 ± 0.3	2016-02-09
7732526	31B	2016-02-02 @ 12:00 pm	2016-02-05 @ 8:00 am	1.0 ± 0.3	2016-02-09
7732552	41	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	0.6 ± 0.3	2016-02-09
7732553	41	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7732554	41	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7732556	41A	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7732558	41B	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	0.5 ± 0.3	2016-02-09
7732559	41C	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	0.5 ± 0.3	2016-02-09
7732560	41D	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7732561	41E	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7732562	41F	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7732555	41G	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7732557	41H	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7732563	41I	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	0.6 ± 0.3	2016-02-09
7732564	41J	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7732565	41K	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	0.5 ± 0.3	2016-02-09
7732566	41L	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	0.6 ± 0.3	2016-02-09
7732567	41M	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7732568	43	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7732569	43	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7732570	43A	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7732571	43B	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	0.7 ± 0.3	2016-02-09
7732572	43C	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	0.6 ± 0.3	2016-02-09
7732573	43D	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7732574	43E	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7732575	43F	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7732576	50	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7732577	50A	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7732578	50B	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	0.6 ± 0.3	2016-02-09

March 3, 2016
**** LABORATORY ANALYSIS REPORT ****

Radon test result report for:
**CARVER EDUCATIONAL SERVICE CENTER
MAIN**

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
7732579	50C	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	0.6 ± 0.3	2016-02-09
7732580	50D	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7732581	50D	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	0.7 ± 0.3	2016-02-09
7732584	51	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7732585	51	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	0.7 ± 0.3	2016-02-09
7732582	51A	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7732583	51A 2	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	0.6 ± 0.3	2016-02-09
7732586	55	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7732587	55	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7732595	55A	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7732594	55B	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7732593	55C	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	0.6 ± 0.3	2016-02-09
7732592	55D	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7732591	55E	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	0.7 ± 0.3	2016-02-09
7732589	55G	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	0.6 ± 0.3	2016-02-09
7732590	55G	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7732588	55I	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	0.5 ± 0.3	2016-02-09
7732596	56	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	0.6 ± 0.3	2016-02-09
7732597	59	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	0.9 ± 0.3	2016-02-09
7732598	61	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	1.2 ± 0.3	2016-02-09
7731701	62	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	1.5 ± 0.4	2016-02-09
7731702	62	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	1.4 ± 0.4	2016-02-09
7731703	62	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7732599	62A	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	1.2 ± 0.3	2016-02-09
7732600	62B	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	1.4 ± 0.3	2016-02-09
7731704	62C	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	3.0 ± 0.4	2016-02-09
7731705	62D	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	1.5 ± 0.3	2016-02-09
7731706	62E	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	1.1 ± 0.3	2016-02-09
7732547	K	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	1.2 ± 0.3	2016-02-09

February 23, 2016 **LABORATORY ANALYSIS REPORT** **

Radon test result report for:
TRANSIT- PHASE 7, 8, 9
NONE

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
7734937	1	2016-02-19 @ 3:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7734946	10	2016-02-19 @ 4:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7734955	11	2016-02-19 @ 4:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7734956	12	2016-02-19 @ 4:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7734959	13	2016-02-19 @ 4:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7734930	14	2016-02-19 @ 4:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7734953	15	2016-02-19 @ 4:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7734954	16	2016-02-19 @ 4:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7734940	17	2016-02-19 @ 4:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7734949	18	2016-02-19 @ 4:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7734948	19	2016-02-19 @ 4:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7734939	2	2016-02-19 @ 3:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7734942	20	2016-02-19 @ 4:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7734929	21	2016-02-19 @ 4:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7734933	22	2016-02-19 @ 4:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7734934	23	2016-02-19 @ 4:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7734936	24	2016-02-19 @ 4:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7734943	25	2016-02-19 @ 4:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7734944	26	2016-02-19 @ 4:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7734935	27	2016-02-19 @ 4:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7734928	28	2016-02-19 @ 4:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7734952	29	2016-02-19 @ 4:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7734947	3	2016-02-19 @ 3:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7734931	30	2016-02-19 @ 4:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7734932	31	2016-02-19 @ 4:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7718520	32	2016-02-19 @ 4:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7718523	33	2016-02-19 @ 4:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7718522	34	2016-02-19 @ 4:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7718521	35	2016-02-19 @ 4:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7734945	4	2016-02-19 @ 3:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7734960	5	2016-02-19 @ 4:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7734958	6	2016-02-19 @ 4:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7734951	7	2016-02-19 @ 4:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7734957	8	2016-02-19 @ 4:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7734938	9	2016-02-19 @ 4:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23

February
15,
2016

**LABORATORY ANALYSIS
REPORT ****

Spike Sample Laboratory Results

Radon test result report for:
MCPS

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
7718273	101A	2016-01-30 @ 9:00 am	2016-02-01 @ 9:00 am	6.5 ± 0.6	2016-02-04
7718281	102B	2016-01-30 @ 9:00 am	2016-02-01 @ 9:00 am	6.4 ± 0.6	2016-02-04
7718282	103C	2016-01-30 @ 9:00 am	2016-02-01 @ 9:00 am	6.3 ± 0.6	2016-02-04
7718288	104D	2016-01-30 @ 9:00 am	2016-02-01 @ 9:00 am	6.7 ± 0.6	2016-02-04
7718289	105E	2016-01-30 @ 9:00 am	2016-02-01 @ 9:00 am	6.6 ± 0.6	2016-02-04
7718291	106F	2016-01-30 @ 9:00 am	2016-02-01 @ 9:00 am	6.5 ± 0.6	2016-02-04

Air Chek, Inc. 1936 Butler Bridge Rd, Mills River, NC 28759-3892 Phone: (828) 684-0893 Fax: (828) 684-8498

Note: Spike samples are test canisters that are deliberately exposed to a controlled high level of radon in a laboratory. They provide a quality control measure in the testing process and do NOT reflect radon levels in the building being tested.

EXPOSURE IN BOWSER-MORNER RADON CHAMBER

CLIENT KCF Technologies Inc. Job Number 173704

NOMINAL Conditions: Radon Conc 5.9 pCi/L Rel. Hum 45.9 % Temp. 79.0 F

Date Start: 11/30/16 Date Stop: 2/1/16 Date Start: _____ Date Stop: _____

Time Start: 0926 Time Stop: 0926 Time Start: _____ Time Stop: _____

Device No.'s: (6) Char. Bags - Device No.'s: _____

7718281, 7718282, 7718291, _____

7718288, 7718289, 7718273 _____

ε3 Left

Date Start: _____ Date Stop: _____ Date Start: _____ Date Stop: _____

Time Start: _____ Time Stop: _____ Time Start: _____ Time Stop: _____

Device No.'s: _____ Device No.'s: _____

Date Start: _____ Date Stop: _____ Date Start: _____ Date Stop: _____

Time Start: _____ Time Stop: _____ Time Start: _____ Time Stop: _____

Device No.'s: _____ Device No.'s: _____

**Note: All times are in 24-hour (military) notation, Eastern Standard Time (EST)
Background = 7 μR/h Elevation = 820 ft**



Radon Test Kit Chain of Custody

Project Name: MCPS Radon Phase 7 (2-1-2016)

Name of School/Facility:

- | | | |
|----------------------------|-----------------------------|----------------------------|
| 1. Wyngate E.S. | 10. Bethesda Depot | 18. Stone Mill E.S. |
| 2. Seven Locks E.S. | 11. Bethesda Trans Depot | 19. Strawberry Knoll E.S. |
| 3. Takoma Park M.S. | 12. Sligo M.S. | 20. Shady Grove M.S. |
| 4. Somerset E.S. | 13. Stonegate E.S. | 21. Washington Grove E.S. |
| 5. Silver Spring Int. M.S. | 14. Randolph Transportation | 22. Sherwood E.S. |
| 6. Sligo Creek E.S. | 15. Earl B. Wood M.S. | 23. Woodfield E.S. |
| 7. Tilden M.S. | 16. Sargent Shriver E.S. | 24. Taylor Learning Center |
| 8. Tilden Center | 17. Thomas Wooten H.S. | 25. Kingsley Wilderness |
| 9. Bethesda Annex | | |

	Date	Initials
Radon Test Kits Deployed	2/1/16	JM
Radon Test Kits Collected	2/4/16	JM
Radon Test Kits Shipped to Lab*	2/4/16	JM
Radon Test Kits Received by Lab*	2/8/16	JM

*All samples sent to Air Check, Inc., 1936 Butler Bridge Rd, Mills River, NC 28759



Radon Test Kit Chain of Custody

Project Name: MCPS Radon Phase 7 (2-2-2016)

Name of School/Facility:

- | | |
|--------------------------------|--------------------------------|
| 1. Concord Center | 8. Food & Nutritional Services |
| 2. Lynnbrook Center | 9. Fairland Center |
| 3. Carver (CESC) | 10. Redland M.S. (retest) |
| 4. Spring Mill (area 1 Office) | 11. Clarksburg Trans Depot |
| 5. Wheaton H.S | 12. Clarksburg Main Depot |
| 6. Montrose Center | 13. Clarksburg E.S. |
| 7. West Farm Trans Depot | |

	Date	Initials
Radon Test Kits Deployed	2/2/16	JM
Radon Test Kits Collected	2/5/16	JM
Radon Test Kits Shipped to Lab*	2/5/16	JM
Radon Test Kits Received by Lab*	2/9/16	JM

*All samples sent to Air Check, Inc., 1936 Butler Bridge Rd, Mills River, NC 28759



MCPS RADON TESTING

Executive Summary: Carver Educational Service Center

Date of Test Report:	3/3/2016
Round of Testing:	Initial Follow-up Post Remediation
# Rooms Tested:	153
# Rooms \geq 4.0 pCi/L:	0
Low Value:	< 0.3
High Value:	3.0

Project Status:

Initial testing completed; no further action at this time.



March 3, 2016

Mr. Richard Cox
Indoor Air Quality Team Leader
Montgomery County Public Schools
850 Hungerford Drive
Rockville, MD 20850

Re: **Radon Testing Services**
KCI Job # 12146341.26

Location: Carver Educational Service Center
850 Hungerford Drive
Rockville, MD 20850

Dear Mr. Cox:

KCI Technologies, Inc. (KCI) is pleased to submit the following report to the Montgomery County Public Schools (MCPS) pursuant to completing a “short-term” 3 day radon test for the Carver Educational Service Center, located at 850 Hungerford Drive in Rockville, Maryland 20850 (subject site).

Scope of Services:

KCI conducted radon testing at the subject site to evaluate indoor radon levels relative to the USEPA's recommended action level of 4.0 picocuries per Liter (pCi/L) - the level at which EPA recommends that schools take action to reduce the level. KCI conducted the radon testing in accordance with American Association of Radon Scientists and Technologists (AARST) *Protocol for Conducting Measurements of Radon and Radon Decay Products in Schools and Large Buildings*. A National Radon Safety Board (NRSB) Radon Measurement Specialist (certification #14SS056) supervised the testing. Additional information on radon management and the health effects of radon exposure is available from www.montgomerycountymd.gov/dep/air/radon or www.epa.gov/radon.

KCI visited the site on February 2, 2016 and deployed one hundred seventy-seven (177) activated charcoal (AC) radon test kits. KCI deployed radon test kits in frequently-occupied ground contact rooms, and other areas, (if applicable) in accordance with AARST guidance. A floor plan map of the building with the test locations is included as Attachment A of this report.

As a quality control measure, KCI included duplicate samples, field blanks, lab transit blanks, and office blanks in accordance with AARST recommendations. In addition, KCI submitted six (6) test kits to Bowser-Morner, Inc. as spike samples. The spiked tests were exposed to a known radon concentration by Bowser-Morner prior to being returned to the laboratory for analysis.

KCI returned to the site on February 5, 2016 to retrieve the radon sampling test kits. KCI shipped all radon tests via overnight delivery to Airchek, Inc. for analysis by gamma-ray spectroscopy. Airchek, Inc. is a NRSB certified analytical laboratory for radon analysis (certification # ARL1402) located at 1936

Butler Bridge Road, Mills River, North Carolina.

Evaluation of Testing Conditions:

The operating condition that represents the greatest amount of significantly occupied time for this building is; heating active, with outdoor temperature averages $\leq 65^{\circ}$ F.

KCI concludes that the test period reasonably represents normal conditions when the building is significantly occupied. Clear characterization of the radon hazard is most likely to be observed under this normal operating condition. Based on the evaluation of test conditions, this test should reasonably characterize radon hazards.

KCI also conducted observations of field conditions which could affect the results of the test and compiled weather data for the testing period. KCI recorded observations of the following conditions in each room at the time of deployment and collection of the radon test kits:

- Indoor temperature,
- HVAC Operation,
- Dehumidifier operation,
- Humidifier operation,
- Ceiling fan operation, and
- Open windows or doors.

Results:

The results of the radon test analysis indicated the following:

Radon Concentration	Room	Result
≥ 4.0 pCi/L	none	n/a
< 4.0 pCi/L	See Attachment B	

Notes:
D- Duplicate sample

The field blanks, office blanks, and lab transit blanks had test results of less than the laboratory detection limit of 0.3 pCi/L. Review of the duplicate sample analysis indicates that adequate laboratory measurement precision was achieved. The Spike sample analysis results indicate the laboratory is operating within statistical control limits.

The sampling locations, field observations, and analytical results are listed on Table 1 (Attachment B). The laboratory analytical results are also attached (Attachment C). Laboratory results and exposure data for the spike samples are also included in Attachment C.

Our professional services have been performed in accordance with customary principles and practices in the field of industrial hygiene and engineering. If you have any questions or comments regarding this report, please feel free to contact me at (410) 316-7800.

Sincerely,



James M. Mouldale
Radon Measurement Specialist
KCI Technologies, Inc.

Attachments: A- Floor Plan with Test Locations
 B- Table 1-Radon Test Summary Spreadsheet
 C- Laboratory Analytical Results

ATTACHMENT A

Floor Plan With Test Locations

ATTACHMENT B

Radon Test Summary Spreadsheet

Table Notes:

AC- Activated Charcoal

ACI- Air Chek, Inc.

D- Duplicate

FB- Field Blank

KCI- KCI Technologies, Inc.

OB- Office Blank

PM- Project Manager

QC- Quality Control

ATTACHMENT C

Laboratory Analytical Results

Radon Testing Results		
Carver Educational Service Center		
Test Period: 02/02/16-02/05/16		
Kit Number	Room / Area	Result
7732543	10	0.9
7732535	11	0.6
7732551	11	< 0.3
7732529	20	0.8
7732527	21	< 0.3
7732511	24	0.6
7732512	25	0.9
7732523	26	1.0
7732521	27	< 0.3
7732524	31	< 0.3
7732552	41	0.6
7732568	43	< 0.3
7732576	50	< 0.3
7732584	51	< 0.3
7732586	55	< 0.3
7732596	56	0.6
7732597	59	0.9
7732598	61	1.2
7731701	62	1.5
7731734	100	1.2
7731749	101	< 0.3
7732504	108	0.6
7731755	110	< 0.3
7732501	112	< 0.3
7731763	113	1.2
7731761	114	1.0
7731764	120	0.6
7731765	122	0.6
7731752	131	< 0.3
7731707	174	0.9
7731712	177	1.3
7731724	178	1.2
7731725	179	1.2
7731728	180	1.0
7731729	181	0.6
7731722	182	0.8
7731769	200	< 0.3
7731777	201	< 0.3
7731730	100A	1.3
7731731	100B	0.9
7731732	100C	0.9
7731733	100D	0.8
7731735	100E	0.6
7731737	100F	0.8
7731738	100G	1.0
7731739	100H	1.0

Table Note:

* Missing or Compromised Sample

Radon Testing Results		
Carver Educational Service Center		
Test Period: 02/02/16-02/05/16		
Kit Number	Room / Area	Result
7731740	100I	1.0
7731741	100J	0.8
7731742	100K	1.0
7731743	100L	1.2
7731744	100M	1.4
7731745	100N	1.2
7731746	100O	1.2
7731747	100P	1.3
7731748	100Q	1.4
7731750	107A	0.6
7731751	107B	0.6
7732507	108A	< 0.3
7732508	108B	< 0.3
7732509	108C	< 0.3
7731757	112B	< 0.3
7731758	112C	< 0.3
7731760	112D	0.5
7732536	11A	0.8
7732537	11B	1.0
7732538	11C	0.8
7732539	11D	0.6
7732540	11E	1.0
7732541	11F	0.7
7732542	11G	0.6
7732544	11H	0.7
7732545	11I	1.0
7732546	11J	0.6
7732547	11K	1.2
7732548	11L	0.7
7732549	11M	0.6
7732550	11N	0.6
7731766	122A	< 0.3
7731767	122B	< 0.3
7731768	122C	< 0.3
7731753	131A	< 0.3
7731754	131B	0.6
7732518	15C	1.1
7732534	16A	0.8
7731709	174A	0.6
7731710	174B	1.1
7731711	174C	1.2
7731713	177A	1.3
7731714	177B	1.2
7731715	177C	1.1
7731716	177D	1.4
7731717	177E	1.1
7731718	177F	1.1
7731720	177G	1.2
7731721	177H	1.3
7731723	179A	1.0

Table Note:

* Missing or Compromised Sample

Radon Testing Results		
Carver Educational Service Center		
Test Period: 02/02/16-02/05/16		
Kit Number	Room / Area	Result
7731770	200A	< 0.3
7731772	200B	< 0.3
7731773	200C	< 0.3
7731774	200D	< 0.3
7731775	200E	< 0.3
7731776	200F	< 0.3
7732533	20A	< 0.3
7732530	20B	0.6
7732531	20C	0.8
7732532	20D	0.5
7732510	23C	0.5
7732513	25A	0.9
7732514	25B	1.2
7732515	25C	1.0
7732516	25D	1.0
7732517	25E	0.9
7732520	29A	1.3
7732519	29B	1.0
7732525	31A	0.7
7732526	31B	1.0
7732556	41A	< 0.3
7732558	41B	0.5
7732559	41C	0.5
7732560	41D	< 0.3
7732561	41E	< 0.3
7732562	41F	< 0.3
7732555	41G	< 0.3
7732557	41H	< 0.3
7732563	41I	0.6
7732564	41J	< 0.3
7732565	41K	0.5
7732566	41L	0.6
7732567	41M	< 0.3
7732570	43A	< 0.3
7732571	43B	0.7
7732572	43C	0.6
7732573	43D	< 0.3
7732574	43E	< 0.3
7732575	43F	< 0.3
7732577	50A	< 0.3
7732578	50B	0.6
7732579	50C	0.6
7732580	50D	< 0.3
7732582	51A	< 0.3
7732583	51A 2	0.6
7732595	55A	< 0.3
7732594	55B	< 0.3
7732593	55C	0.6
7732592	55D	< 0.3
7732591	55E	0.7

Table Note:

* Missing or Compromised Sample

Radon Testing Results		
Carver Educational Service Center		
Test Period: 02/02/16-02/05/16		
Kit Number	Room / Area	Result
7732590	55F	< 0.3
7732589	55G	0.6
7732588	55I	0.5
7732599	62A	1.2
7732600	62B	1.4
7731704	62C	3.0
7731705	62D	1.5
7731706	62E	1.1

Table Note:

* Missing or Compromised Sample

Radon Testing Results		
Carver Educational Service Center		
Test Period: 02/02/16-02/05/16		
Kit Number	QC Type	Result
7731736	D (100E)	0.6
7732505	D (108)	0.8
7731756	D (110)	0.7
7732502	D (112)	< 0.3
7731762	D (114)	1.1
7731708	D (174)	0.7
7731719	D (177F)	1.3
7731726	D (179)	1
7731771	D (200A)	< 0.3
7732528	D (21)	0.6
7732553	D (41)	< 0.3
7732569	D (43)	< 0.3
7732581	D (50D)	0.7
7732585	D (51)	0.7
7732587	D (55)	< 0.3
7731702	D (62)	1.4
7732506	FB (108)	< 0.3
7732503	FB (112)	< 0.3
7731727	FB (179)	< 0.3
7732554	FB (41)	< 0.3
7731703	FB (62)	< 0.3
7730075	OB (0)	< 0.3
7730074	OB (0)	< 0.3

Table Note:

* Missing or Compromised Sample

March 3, 2016
** LABORATORY ANALYSIS REPORT **

Radon test result report for:
**CARVER EDUCATIONAL SERVICE CENTER
MAIN**

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
7730074	0	2016-02-02 @ 5:00 pm	2016-02-05 @ 12:00 pm	< 0.3	2016-02-09
7730075	0	2016-02-02 @ 5:00 pm	2016-02-05 @ 12:00 pm	< 0.3	2016-02-09
7732543	10	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	0.9 ± 0.3	2016-02-09
7731734	100	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	1.2 ± 0.4	2016-02-09
7731730	100A	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	1.3 ± 0.4	2016-02-09
7731731	100B	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	0.9 ± 0.3	2016-02-09
7731732	100C	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	0.9 ± 0.3	2016-02-09
7731733	100D	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	0.8 ± 0.3	2016-02-09
7731735	100E	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	0.6 ± 0.3	2016-02-09
7731736	100E	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	0.6 ± 0.3	2016-02-09
7731737	100F	2016-02-02 @ 2:00 pm	2016-02-05 @ 9:00 am	0.8 ± 0.4	2016-02-09
7731738	100G	2016-02-02 @ 2:00 pm	2016-02-05 @ 9:00 am	1.0 ± 0.3	2016-02-09
7731739	100H	2016-02-02 @ 2:00 pm	2016-02-05 @ 9:00 am	1.0 ± 0.3	2016-02-09
7731740	100I	2016-02-02 @ 2:00 pm	2016-02-05 @ 9:00 am	1.0 ± 0.3	2016-02-09
7731741	100J	2016-02-02 @ 2:00 pm	2016-02-05 @ 9:00 am	0.8 ± 0.3	2016-02-09
7731742	100K	2016-02-02 @ 2:00 pm	2016-02-05 @ 9:00 am	1.0 ± 0.3	2016-02-09
7731743	100L	2016-02-02 @ 2:00 pm	2016-02-05 @ 9:00 am	1.2 ± 0.3	2016-02-09
7731744	100M	2016-02-02 @ 2:00 pm	2016-02-05 @ 9:00 am	1.4 ± 0.4	2016-02-09
7731745	100N	2016-02-02 @ 2:00 pm	2016-02-05 @ 9:00 am	1.2 ± 0.3	2016-02-09
7731746	100O	2016-02-02 @ 2:00 pm	2016-02-05 @ 9:00 am	1.2 ± 0.4	2016-02-09
7731747	100P	2016-02-02 @ 2:00 pm	2016-02-05 @ 9:00 am	1.3 ± 0.3	2016-02-09
7731748	100Q	2016-02-02 @ 2:00 pm	2016-02-05 @ 9:00 am	1.4 ± 0.4	2016-02-09
7731749	101	2016-02-02 @ 2:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7731750	107A	2016-02-02 @ 2:00 pm	2016-02-05 @ 9:00 am	0.6 ± 0.3	2016-02-09
7731751	107B	2016-02-02 @ 2:00 pm	2016-02-05 @ 9:00 am	0.6 ± 0.3	2016-02-09
7732504	108	2016-02-02 @ 11:00 am	2016-02-05 @ 8:00 am	0.6 ± 0.3	2016-02-09
7732505	108	2016-02-02 @ 11:00 am	2016-02-05 @ 8:00 am	0.8 ± 0.3	2016-02-09
7732506	108	2016-02-02 @ 11:00 am	2016-02-05 @ 8:00 am	< 0.3	2016-02-09
7732507	108A	2016-02-02 @ 11:00 am	2016-02-05 @ 8:00 am	< 0.3	2016-02-09
7732508	108B	2016-02-02 @ 11:00 am	2016-02-05 @ 8:00 am	< 0.3	2016-02-09
7732509	108B	2016-02-02 @ 11:00 am	2016-02-05 @ 8:00 am	< 0.3	2016-02-09
7732535	11	2016-02-02 @ 12:00 pm	2016-02-05 @ 8:00 am	0.6 ± 0.3	2016-02-09
7732551	11	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7731755	110	2016-02-02 @ 2:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7731756	110	2016-02-02 @ 2:00 pm	2016-02-05 @ 9:00 am	0.7 ± 0.3	2016-02-09
7732501	112	2016-02-02 @ 11:00 am	2016-02-05 @ 8:00 am	< 0.3	2016-02-09
7732502	112	2016-02-02 @ 11:00 am	2016-02-05 @ 8:00 am	< 0.3	2016-02-09

March 3, 2016
** LABORATORY ANALYSIS REPORT **

Radon test result report for:
**CARVER EDUCATIONAL SERVICE CENTER
MAIN**

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
7732503	112	2016-02-02 @ 11:00 am	2016-02-05 @ 8:00 am	< 0.3	2016-02-09
7731757	112B	2016-02-02 @ 2:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7731758	112C	2016-02-02 @ 2:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7731760	112D	2016-02-02 @ 2:00 pm	2016-02-05 @ 9:00 am	0.5 ± 0.3	2016-02-09
7731763	113	2016-02-02 @ 2:00 pm	2016-02-05 @ 9:00 am	1.2 ± 0.4	2016-02-09
7731761	114	2016-02-02 @ 2:00 pm	2016-02-05 @ 9:00 am	1.0 ± 0.3	2016-02-09
7731762	114	2016-02-02 @ 2:00 pm	2016-02-05 @ 9:00 am	1.1 ± 0.3	2016-02-09
7732536	11A	2016-02-02 @ 12:00 pm	2016-02-05 @ 8:00 am	0.8 ± 0.3	2016-02-09
7732537	11B	2016-02-02 @ 12:00 pm	2016-02-05 @ 8:00 am	1.0 ± 0.3	2016-02-09
7732538	11C	2016-02-02 @ 12:00 pm	2016-02-05 @ 8:00 am	0.8 ± 0.3	2016-02-09
7732539	11D	2016-02-02 @ 12:00 pm	2016-02-05 @ 8:00 am	0.6 ± 0.3	2016-02-09
7732540	11E	2016-02-02 @ 12:00 pm	2016-02-05 @ 8:00 am	1.0 ± 0.3	2016-02-09
7732541	11F	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	0.7 ± 0.3	2016-02-09
7732542	11G	2016-02-02 @ 12:00 pm	2016-02-05 @ 8:00 am	0.6 ± 0.3	2016-02-09
7732544	11H	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	0.7 ± 0.3	2016-02-09
7732545	11I	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	1.0 ± 0.3	2016-02-09
7732546	11J	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	0.6 ± 0.3	2016-02-09
7732548	11L	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	0.7 ± 0.3	2016-02-09
7732549	11M	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	0.6 ± 0.3	2016-02-09
7732550	11N	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	0.6 ± 0.3	2016-02-09
7731764	120	2016-02-02 @ 2:00 pm	2016-02-05 @ 9:00 am	0.6 ± 0.3	2016-02-09
7731765	122	2016-02-02 @ 2:00 pm	2016-02-05 @ 9:00 am	0.6 ± 0.3	2016-02-09
7731766	122A	2016-02-02 @ 2:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7731767	122B	2016-02-02 @ 2:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7731768	122C	2016-02-02 @ 2:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7731752	131	2016-02-02 @ 2:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7731753	131A	2016-02-02 @ 2:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7731754	131B	2016-02-02 @ 2:00 pm	2016-02-05 @ 9:00 am	0.6 ± 0.3	2016-02-09
7732518	15C	2016-02-02 @ 12:00 pm	2016-02-05 @ 8:00 am	1.1 ± 0.3	2016-02-09
7732534	16A	2016-02-02 @ 12:00 pm	2016-02-05 @ 8:00 am	0.8 ± 0.3	2016-02-09
7731707	174	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	0.9 ± 0.3	2016-02-09
7731708	174	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	0.7 ± 0.3	2016-02-09
7731709	174A	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	0.6 ± 0.3	2016-02-09
7731710	174B	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	1.1 ± 0.3	2016-02-09
7731711	174C	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	1.2 ± 0.3	2016-02-09
7731712	177	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	1.3 ± 0.3	2016-02-09
7731713	177A	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	1.3 ± 0.4	2016-02-09

March 3, 2016
** LABORATORY ANALYSIS REPORT **

Radon test result report for:
**CARVER EDUCATIONAL SERVICE CENTER
MAIN**

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
7731714	177B	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	1.2 ± 0.4	2016-02-09
7731715	177C	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	1.1 ± 0.3	2016-02-09
7731716	177D	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	1.4 ± 0.3	2016-02-09
7731717	177E	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	1.1 ± 0.3	2016-02-09
7731718	177F	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	1.1 ± 0.3	2016-02-09
7731719	177F	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	1.3 ± 0.3	2016-02-09
7731720	177G	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	1.2 ± 0.3	2016-02-09
7731721	177H	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	1.3 ± 0.4	2016-02-09
7731724	178	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	1.2 ± 0.4	2016-02-09
7731725	179	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	1.2 ± 0.4	2016-02-09
7731726	179	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	1.0 ± 0.3	2016-02-09
7731727	179	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7731723	179A	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	1.0 ± 0.3	2016-02-09
7731728	180	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	1.0 ± 0.3	2016-02-09
7731729	181	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	0.6 ± 0.3	2016-02-09
7731722	182	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	0.8 ± 0.3	2016-02-09
7732529	20	2016-02-02 @ 12:00 pm	2016-02-05 @ 8:00 am	0.8 ± 0.3	2016-02-09
7731769	200	2016-02-02 @ 2:00 pm	2016-02-05 @ 10:00 am	< 0.3	2016-02-09
7731770	200A	2016-02-02 @ 2:00 pm	2016-02-05 @ 10:00 am	< 0.3	2016-02-09
7731771	200A	2016-02-02 @ 2:00 pm	2016-02-05 @ 10:00 am	< 0.3	2016-02-09
7731772	200B	2016-02-02 @ 2:00 pm	2016-02-05 @ 10:00 am	< 0.3	2016-02-09
7731773	200C	2016-02-02 @ 2:00 pm	2016-02-05 @ 10:00 am	< 0.3	2016-02-09
7731774	200D	2016-02-02 @ 2:00 pm	2016-02-05 @ 10:00 am	< 0.3	2016-02-09
7731775	200E	2016-02-02 @ 2:00 pm	2016-02-05 @ 10:00 am	< 0.3	2016-02-09
7731776	200F	2016-02-02 @ 2:00 pm	2016-02-05 @ 10:00 am	< 0.3	2016-02-09
7731777	201	2016-02-02 @ 2:00 pm	2016-02-05 @ 10:00 am	< 0.3	2016-02-09
7732533	20A	2016-02-02 @ 12:00 pm	2016-02-05 @ 8:00 am	< 0.3	2016-02-09
7732530	20B	2016-02-02 @ 12:00 pm	2016-02-05 @ 8:00 am	0.6 ± 0.3	2016-02-09
7732531	20C	2016-02-02 @ 12:00 pm	2016-02-05 @ 8:00 am	0.8 ± 0.3	2016-02-09
7732532	20D	2016-02-02 @ 12:00 pm	2016-02-05 @ 8:00 am	0.5 ± 0.3	2016-02-09
7732527	21	2016-02-02 @ 12:00 pm	2016-02-05 @ 8:00 am	< 0.3	2016-02-09
7732528	21	2016-02-02 @ 12:00 pm	2016-02-05 @ 8:00 am	0.6 ± 0.3	2016-02-09
7732510	23C	2016-02-02 @ 11:00 am	2016-02-05 @ 8:00 am	0.5 ± 0.3	2016-02-09
7732511	24	2016-02-02 @ 11:00 am	2016-02-05 @ 8:00 am	0.6 ± 0.3	2016-02-09
7732512	25	2016-02-02 @ 11:00 am	2016-02-05 @ 8:00 am	0.9 ± 0.3	2016-02-09
7732513	25A	2016-02-02 @ 11:00 am	2016-02-05 @ 8:00 am	0.9 ± 0.3	2016-02-09
7732514	25B	2016-02-02 @ 11:00 am	2016-02-05 @ 8:00 am	1.2 ± 0.3	2016-02-09

March 3, 2016 **** LABORATORY ANALYSIS REPORT ****

Radon test result report for:
**CARVER EDUCATIONAL SERVICE CENTER
MAIN**

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
7732515	25C	2016-02-02 @ 11:00 am	2016-02-05 @ 8:00 am	1.0 ± 0.3	2016-02-09
7732516	25D	2016-02-02 @ 11:00 am	2016-02-05 @ 8:00 am	1.0 ± 0.3	2016-02-09
7732517	25E	2016-02-02 @ 11:00 am	2016-02-05 @ 8:00 am	0.9 ± 0.3	2016-02-09
7732523	26	2016-02-02 @ 12:00 pm	2016-02-05 @ 8:00 am	1.0 ± 0.3	2016-02-09
7732521	27	2016-02-02 @ 12:00 pm	2016-02-05 @ 8:00 am	< 0.3	2016-02-09
7732520	29A	2016-02-02 @ 12:00 pm	2016-02-05 @ 8:00 am	1.3 ± 0.4	2016-02-09
7732519	29B	2016-02-02 @ 12:00 pm	2016-02-05 @ 8:00 am	1.0 ± 0.3	2016-02-09
7732524	31	2016-02-02 @ 12:00 pm	2016-02-05 @ 8:00 am	< 0.3	2016-02-09
7732525	31A	2016-02-02 @ 12:00 pm	2016-02-05 @ 8:00 am	0.7 ± 0.3	2016-02-09
7732526	31B	2016-02-02 @ 12:00 pm	2016-02-05 @ 8:00 am	1.0 ± 0.3	2016-02-09
7732552	41	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	0.6 ± 0.3	2016-02-09
7732553	41	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7732554	41	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7732556	41A	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7732558	41B	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	0.5 ± 0.3	2016-02-09
7732559	41C	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	0.5 ± 0.3	2016-02-09
7732560	41D	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7732561	41E	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7732562	41F	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7732555	41G	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7732557	41H	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7732563	41I	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	0.6 ± 0.3	2016-02-09
7732564	41J	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7732565	41K	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	0.5 ± 0.3	2016-02-09
7732566	41L	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	0.6 ± 0.3	2016-02-09
7732567	41M	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7732568	43	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7732569	43	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7732570	43A	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7732571	43B	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	0.7 ± 0.3	2016-02-09
7732572	43C	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	0.6 ± 0.3	2016-02-09
7732573	43D	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7732574	43E	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7732575	43F	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7732576	50	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7732577	50A	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7732578	50B	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	0.6 ± 0.3	2016-02-09

March 3, 2016
** LABORATORY ANALYSIS
REPORT **

Radon test result report for:
**CARVER EDUCATIONAL SERVICE CENTER
MAIN**

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
7732579	50C	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	0.6 ± 0.3	2016-02-09
7732580	50D	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7732581	50D	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	0.7 ± 0.3	2016-02-09
7732584	51	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7732585	51	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	0.7 ± 0.3	2016-02-09
7732582	51A	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7732583	51A 2	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	0.6 ± 0.3	2016-02-09
7732586	55	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7732587	55	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7732595	55A	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7732594	55B	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7732593	55C	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	0.6 ± 0.3	2016-02-09
7732592	55D	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7732591	55E	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	0.7 ± 0.3	2016-02-09
7732589	55G	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	0.6 ± 0.3	2016-02-09
7732590	55G	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7732588	55I	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	0.5 ± 0.3	2016-02-09
7732596	56	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	0.6 ± 0.3	2016-02-09
7732597	59	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	0.9 ± 0.3	2016-02-09
7732598	61	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	1.2 ± 0.3	2016-02-09
7731701	62	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	1.5 ± 0.4	2016-02-09
7731702	62	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	1.4 ± 0.4	2016-02-09
7731703	62	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	< 0.3	2016-02-09
7732599	62A	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	1.2 ± 0.3	2016-02-09
7732600	62B	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	1.4 ± 0.3	2016-02-09
7731704	62C	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	3.0 ± 0.4	2016-02-09
7731705	62D	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	1.5 ± 0.3	2016-02-09
7731706	62E	2016-02-02 @ 1:00 pm	2016-02-05 @ 9:00 am	1.1 ± 0.3	2016-02-09
7732547	K	2016-02-02 @ 12:00 pm	2016-02-05 @ 9:00 am	1.2 ± 0.3	2016-02-09

February 23, 2016
LABORATORY ANALYSIS REPORT

Radon test result report for:
TRANSIT- PHASE 7, 8, 9
NONE

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
7734937	1	2016-02-19 @ 3:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7734946	10	2016-02-19 @ 4:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7734955	11	2016-02-19 @ 4:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7734956	12	2016-02-19 @ 4:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7734959	13	2016-02-19 @ 4:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7734930	14	2016-02-19 @ 4:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7734953	15	2016-02-19 @ 4:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7734954	16	2016-02-19 @ 4:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7734940	17	2016-02-19 @ 4:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7734949	18	2016-02-19 @ 4:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7734948	19	2016-02-19 @ 4:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7734939	2	2016-02-19 @ 3:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7734942	20	2016-02-19 @ 4:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7734929	21	2016-02-19 @ 4:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7734933	22	2016-02-19 @ 4:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7734934	23	2016-02-19 @ 4:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7734936	24	2016-02-19 @ 4:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7734943	25	2016-02-19 @ 4:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7734944	26	2016-02-19 @ 4:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7734935	27	2016-02-19 @ 4:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7734928	28	2016-02-19 @ 4:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7734952	29	2016-02-19 @ 4:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7734947	3	2016-02-19 @ 3:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7734931	30	2016-02-19 @ 4:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7734932	31	2016-02-19 @ 4:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7718520	32	2016-02-19 @ 4:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7718523	33	2016-02-19 @ 4:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7718522	34	2016-02-19 @ 4:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7718521	35	2016-02-19 @ 4:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7734945	4	2016-02-19 @ 3:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7734960	5	2016-02-19 @ 4:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7734958	6	2016-02-19 @ 4:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7734951	7	2016-02-19 @ 4:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7734957	8	2016-02-19 @ 4:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23
7734938	9	2016-02-19 @ 4:00 pm	2016-02-22 @ 11:00 am	< 0.3	2016-02-23

February
15,
2016

**** LABORATORY ANALYSIS
REPORT ****

Spike Sample Laboratory Results

Radon test result report for:
MCPS

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
7718273	101A	2016-01-30 @ 9:00 am	2016-02-01 @ 9:00 am	6.5 ± 0.6	2016-02-04
7718281	102B	2016-01-30 @ 9:00 am	2016-02-01 @ 9:00 am	6.4 ± 0.6	2016-02-04
7718282	103C	2016-01-30 @ 9:00 am	2016-02-01 @ 9:00 am	6.3 ± 0.6	2016-02-04
7718288	104D	2016-01-30 @ 9:00 am	2016-02-01 @ 9:00 am	6.7 ± 0.6	2016-02-04
7718289	105E	2016-01-30 @ 9:00 am	2016-02-01 @ 9:00 am	6.6 ± 0.6	2016-02-04
7718291	106F	2016-01-30 @ 9:00 am	2016-02-01 @ 9:00 am	6.5 ± 0.6	2016-02-04

Air Chek, Inc. 1936 Butler Bridge Rd, Mills River, NC 28759-3892 Phone: (828) 684-0893 Fax: (828) 684-8498

Note: Spike samples are test canisters that are deliberately exposed to a controlled high level of radon in a laboratory. They provide a quality control measure in the testing process and do NOT reflect radon levels in the building being tested.

EXPOSURE IN BOWSER-MORNER RADON CHAMBER

CLIENT KCF Technologies Inc. Job Number 173704

NOMINAL Conditions: Radon Conc 5.9 pCi/L Rel. Hum 45.9 % Temp. 79.0 F

Date Start: 11/30/16 Date Stop: 2/1/16 Date Start: _____ Date Stop: _____

Time Start: 0926 Time Stop: 0926 Time Start: _____ Time Stop: _____

Device No.'s: (6) Char. Bags - Device No.'s: _____

7718281, 7718282, 7718291, _____

7718288, 7718289, 7718273 _____

ε3 Left

Date Start: _____ Date Stop: _____ Date Start: _____ Date Stop: _____

Time Start: _____ Time Stop: _____ Time Start: _____ Time Stop: _____

Device No.'s: _____ Device No.'s: _____

Date Start: _____ Date Stop: _____ Date Start: _____ Date Stop: _____

Time Start: _____ Time Stop: _____ Time Start: _____ Time Stop: _____

Device No.'s: _____ Device No.'s: _____

**Note: All times are in 24-hour (military) notation, Eastern Standard Time (EST)
Background = 7 μR/h Elevation = 820 ft**



Radon Test Kit Chain of Custody

Project Name: MCPS Radon Phase 7 (2-1-2016)

Name of School/Facility:

- | | | |
|----------------------------|-----------------------------|----------------------------|
| 1. Wyngate E.S. | 10. Bethesda Depot | 18. Stone Mill E.S. |
| 2. Seven Locks E.S. | 11. Bethesda Trans Depot | 19. Strawberry Knoll E.S. |
| 3. Takoma Park M.S. | 12. Sligo M.S. | 20. Shady Grove M.S. |
| 4. Somerset E.S. | 13. Stonegate E.S. | 21. Washington Grove E.S. |
| 5. Silver Spring Int. M.S. | 14. Randolph Transportation | 22. Sherwood E.S. |
| 6. Sligo Creek E.S. | 15. Earl B. Wood M.S. | 23. Woodfield E.S. |
| 7. Tilden M.S. | 16. Sargent Shriver E.S. | 24. Taylor Learning Center |
| 8. Tilden Center | 17. Thomas Wooten H.S. | 25. Kingsley Wilderness |
| 9. Bethesda Annex | | |

	Date	Initials
Radon Test Kits Deployed	2/1/16	JM
Radon Test Kits Collected	2/4/16	JM
Radon Test Kits Shipped to Lab*	2/4/16	JM
Radon Test Kits Received by Lab*	2/8/16	JM

*All samples sent to Air Check, Inc., 1936 Butler Bridge Rd, Mills River, NC 28759



Radon Test Kit Chain of Custody

Project Name: MCPS Radon Phase 7 (2-2-2016)

Name of School/Facility:

- | | |
|--------------------------------|--------------------------------|
| 1. Concord Center | 8. Food & Nutritional Services |
| 2. Lynnbrook Center | 9. Fairland Center |
| 3. Carver (CESC) | 10. Redland M.S. (retest) |
| 4. Spring Mill (area 1 Office) | 11. Clarksburg Trans Depot |
| 5. Wheaton H.S | 12. Clarksburg Main Depot |
| 6. Montrose Center | 13. Clarksburg E.S. |
| 7. West Farm Trans Depot | |

	Date	Initials
Radon Test Kits Deployed	2/2/16	JM
Radon Test Kits Collected	2/5/16	JM
Radon Test Kits Shipped to Lab*	2/5/16	JM
Radon Test Kits Received by Lab*	2/9/16	JM

*All samples sent to Air Check, Inc., 1936 Butler Bridge Rd, Mills River, NC 28759